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|  | \$38 14.6 0.3 21 1 US-09-898-659-959 539 14.6 0.3 21 1 US-10-195-7818-1 539 14.6 0.3 21 1 PCT US95-00163-7 541 14.6 0.3 21 1 PCT US95-06743-2 542 14.6 0.3 22 1 US-08-178-660-6 543 14.6 0.3 22 1 US-08-524-757-36 544 14.6 0.3 24 14. | 536 14.6 0.3 21 1 US-09-657-472-828<br>536 14.6 0.3 21 1 US-09-657-472-828<br>536 14.6 0.3 21 1 US-09-657-472-244<br>537 14.6 0.3 21 1 US-09-153-838-2                                     | 531 14.6 0.3 21 1 US-08-979-847B-5<br>532 14.6 0.3 21 1 US-09-596-248D-4<br>533 14.6 0.3 21 1 US-09-733-685-19   | 529 14.6 0.3 21 1 US-09-422-978-1079<br>530 14.6 0.3 21 1 US-09-374-766-54                          | 526 14.6 0.3 21 1 US-09-422-978-396<br>527 14.6 0.3 21 1 US-09-422-978-847   | 524 14.6 0.3 21 1 US-09-655-728-19<br>525 14.6 0.3 21 1 US-09-944-411-26   | 521 14.6 0.3 21 1 US-09-105-058C-1<br>522 14.6 0.3 21 1 US-09-105-058C-1<br>523 14.6 0.3 21 1 US-08-475-442A-2                       | 519 14.6 0.3 21 1 US-09-580-923-2<br>520 14.6 0.3 21 1 US-09-580-923-2<br>521 1/6 0.3 21 1 US-09-230-3718-                          | 51/ 14.6 0.3 21 1 US-08-479-737-2             | 116 14.6 0.3 21 1 US-06-943-106-5<br>117 14.6 0.3 21 1 US-09-316-083-17                     | 14.6   | 511 14.6 0.3 21 1 US-08-757-669A-<br>512 14.6 0.3 21 1 US-08-927-219-1  | 509 14.6 0.3 21 1 US-09-069-811-5<br>510 14.6 0.3 21 1 US-08-894-511-1  | 507 14.6 0.3 21 1 US-08-691-563C-5 508 14.6 0.3 21 1 US-09-141-047-1                        | 505 14.6 0.3 21 1 US-08-863-639A-6 506 14.6 0.3 21 1 US-08-863-639A-9                         | 503 14.6 0.3 21 1 US-08-863-639A-3  | 501 14.6 0.3 21 1 US-09-213-767-3<br>502 14.6 0.3 21 1 US-08-747-536-1                     | 99 14.6 0.3 21 1 US-08-438-582-2              | 97 14.6 0.3 21 1 US-08-770-379-6            | 95 14.6 0.3 21 1 US-08-451-778A-2                        | 93 14.6 0.3 21 1 US-08-258-152-26            | 92 14.6 0.3 21 1 US-08-178-660-7            | 490 14.6 0.3 21 1 US-08-050-073-31              | 488 14.6 0.3 20 1 US-08-979-672-1                          | 486 14.8 0.3 22 1 US-09-788-038-40            | 484 14.8 0.3 22 1 US-09-506-859-3<br>485 14.8 0.3 22 1 US-09-322-352A-             | 483 14.8 0.3 22 1 US-09-531-000-7             | 481 14.8 0.3 22 1 US-09-035-183-4             | 479 14.8 0.3 22 1 US-09-339-964-2 1 US-09-226-683-4        | 478 14.8 0.3 22 1 US-08-564-496C-3             | 476 14.8 0.3 22 1 US-08-223-902-10<br>477 14.8 0.3 22 1 US-08-742-755A-4                     | 474 14.8 0.3 21 1 US-09-657-472-206<br>475 14.8 0.3 22 1 US-08-202-389-48 | 472 14.8 0.3 21 1 US-09-657-472-882<br>473 14.8 0.3 21 1 US-09-657-472-147 |
| ים על היס מל על על על על על על א מעל על האומים איים במעל על ייט מעל על ייט מעל על על על א מער  | \$38 14.6 0.3 21 1 US-09-898-659-9 Sequence   | 534 14.6 0.3 21 1 US-09-657-472-828 Sequ<br>535 14.6 0.3 21 1 US-09-657-472-828 Sequ<br>536 14.6 0.3 21 1 US-09-657-472-2440 Sequ<br>537 14.6 0.3 21 1 US-09-153-838-2 Sequ                | 531 14.6 0.3 21 1 US-08-979-847B-50 Sequence 532 14.6 0.3 21 1 US-09-596-248D-44 Sequence 533 14.6 0.3 21 1 US-09-733-685-19 Sequence 533 14.6 0.3 21 1 US-08-979-847B-50 Sequence 533 14.6 0.3 21 1 US-08-979-848B-44 Sequence 533 14.6 0.3 21 1 US-08-97 | 529 14.6 0.3 21 1 US-09-422-978-10799 Sequ<br>530 14.6 0.3 21 1 US-09-374-766-54 Sequ               | 526 14.6 0.3 21 1 US-09-232-900-17 Sequ<br>527 14.6 0.3 21 1 US-09-422-978-8477 Segn<br>528 14.6 0.3 21 1 US-09-422-978-8477 Segn                | 524 14.6 0.3 21 1 US-09-655-728-19 Seq. 525 14.6 0.3 21 1 US-09-944-411-26 US- | 521 14.6 0.3 21 1 US-09-125-058C-16 Sequ<br>522 14.6 0.3 21 1 US-08-475-442A-24 Sequ   | 519 14.6 0.3 21 1 US-09-580-923-26 Sequ<br>520 14.6 0.3 21 1 US-09-580-923-36 Sequ<br>521 14.6 0.3 21 1 US-09-230-3713-6 Sequ       | 518 14.6 0.3 21 105-08-737-24 Sequ            | 115 14.6 0.3 21 1 US-UG-743-731-761-761-761-761-761-761-761-761-761-76                      | 14.6 0.3 21 1 US-08-943-731-617 Sequits 14.6 0.3 21 1 US-08-943-731-610 Sequits 14.6 0.3 21 1 HS-08-043-731-610 Sequits 14.6 0.3 21 HS-08-043-74 Sequits 14.6 0.3 21 HS-08-040-74 Sequits 14.6 0.3 21 HS-08-040-74 Sequits 14.6 0.3 21 HS-08- | 511 14.6 0.3 21 1 US-08-757-669A-6 Sequ<br>512 14.6 0.3 21 1 US-08-927-219-19 Seque<br>513 14.6 0.3 21 1 US-08-927-219-19 Seque           | 509 14.6 0.3 21 1 US-09-069-811-5 Sequence 510 14.6 0.3 21 1 US-08-894-511-19 Sequence 510 14.6 0.3 21 1 US-08-894-511-19 | 507 14.6 0.3 21 1 US-08-691-563C-54 Sequ<br>508 14.6 0.3 21 1 US-09-141-047-1 Sequ          | 505 14.6 0.3 21 1 US-08-863-639A-62 Seque 506 14.6 0.3 21 1 US-08-863-639A-91 Seque           | 503 14.6 0.3 21 1 US-08-863-639A-33 Seque 504 14.6 0.3 21 1 US-08-863-639A-61 Seque           | 501 14.6 0.3 21 1 US-09-213-767-3 Seque  | 199 14.6 0.3 21 1 US-08-438-582-26 Seque      | 97 14.6 0.3 21 1 US-08-770-379-6 Seque      | 95 14.6 0.3 21 1 US-08-451-778A-22 Seque                 | 93 14.6 0.3 21 1 US-08-258-152-26 Seque      | 14.6 0.3 21 1 05-06-136-160-7 Seque         | 490 14.6 0.3 21 1 US-08-050-073-315 Segu        | 488 14.6 0.3 20 1 US-08-979-672-1 Segru                    | 486 14.8 0.3 22 1 US-09-788-038-40 Sequ       | 484 14.8 0.3 22 1 US-09-506-859-33 Sequ<br>485 14.8 0.3 22 1 US-09-322-352A-1 Sequ | 483 14.8 0.3 22 1 US-09-531-000-71 Seque      | 481 14.8 0.3 22 1 US-09-035-183-40 Seque      | 479 14.8 0.3 22 1 US-09-339-964-2 Seque                    | 478 14.8 0.3 22 1 US-08-564-496C-33 Seque      | 476 14.8 0.3 22 1 US-08-223-902-10 Seque   | : 474   | 472 14.8 0.3 21 1 US-09-657-472-882 seque                                  |
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| c 76<br>C 76<br>C 76   |   |                                    |   |   |   |                              |  |  |  |  |                                  |  |  |  |  |   |   |                                    |                              |                          |                          |  |   |                                    |                              |                                       |   |                              |                                       |                              |                              |                          |                              |                                       |   |                              |
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| 00000  | 756<br>757  |                                    | c 751   | 749<br>750  | C 747   | 745                          |  | C 741  |  |  |                                  | C 734  |  |  | c 728  | 726<br>727  | 724   | c 722                              | 720                          | 718                      | 716<br>717               | 714<br>715   | 712<br>713  | 711                                | 709                          | C 707                                 |   | 704                          | 702                                   | c 701                        |                              |                          | 0 696<br>696                 |                                       | c 692   | 691                          |
| 144.22   | 444   | 44.                                |   |   |   |                              |  | 14.2   | 14.2<br>14.2   | 14.2   |                                  |  |  |  | 14.2   | 14.2  |   | 14.2                               | 14.                          | 14.2                     |                          | 14.2<br>14.2   |   |                                    | 14.2                         | 14.2                                  | 14.2  | 14.2                         | 14.2                                  | 14.2                         | 14.2                         | 14.2                     | 14.2                         | 14.2<br>14.2                          | 14.2  | 14.2                         |
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|  |   |                                    |   |   |   |                              |  |  |  |  |                                  |  |  |  |  |   |   |                                    |                              |                          |                          |  |   |                                    |                              |                                       |   |                              |                                       |                              |                              |                          |                              |                                       |   |                              |
| US-09-593-711A-37 US-09-593-711A-59 US-09-593-711A-73 US-09-593-316-13 US-08-958-316-13  |   | 1 1                                | 1 1   |   | US-09-433-296-47<br>US-09-490-692-69<br>US-09-389-586-3   |                              |  |  | US-09-344-914-53<br>US-09-128-494-20   | 1 1  | 1                                | 1 1  | 1 1  |  | 1 1  | US-08-487-799-2<br>US-08-578-615A-37                                      |   |                                    | 1                            |                          |                          |  |   | 1 1                                |                              |                                       | 1 1   | US-08-48/-1415-/5            |                                       | 1 1                          | 7-927-506-16                 | US-08-222-177A-254       | US-08-009-263C-81            | US-07-977-694-34<br>US-08-009-263C-16 | US92-0948<br>7-696-793                            | 09-601-326-53                |
| 8 H J W W I  | equence 6   | equence 1                          | equence 3   | ا س د   | equence 6   | equence 3                    | equence 1  |  | equence 5<br>equence 2   | equence 5  | equence 4                        | equence 2  | equence 5  | ωσ   | equence 3  | Sequence 3  | equence 1   | equence 2                          | equence 2                    | ינטיע<br>1               | equence 3                | equence 1 equence 2  | 77  | equence 3                          | equence 1                    | equence 1                             | equence 1   | (D (I                        | equence 7                             | equence 1                    | equence 1                    | (D)                      | equence 8                    | quence 3<br>quence 1                  | Sequence 3  | quence 5                     |
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| ֖֓֞֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֟֓֓֓֓֓֟֓֓֓֓֟֓֓֓֟֓֓֓   | ֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓   | gğ.                                | ֖֖֖֖֖֖֖֖֖֓֞֓֓֓֓֓֓֓֓֓֟֓֓֟֓֓֟֓֓֓֟֓֓֓֟֓֓֓֟֓                          | ğ ğ   | ָלְיבֶּי<br>בְּלִיבֶּי  | ָרָבָיל <u>ָ</u>             | ֓֞֟֓֓֓֓֟֓֓֓֓֟֓֓֓֓֓֟֓֓֓֓֟֓֓֓֓֓֟֓֓֓֟֓֓֓֟֓  | ֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓                        | ğğ   | ğğ,  | ğğ                               | ֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓  | ğğ'  | ğĽ,  | ğğ,  | ŽĽ  | ֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓   | , p, p                             | 1 1 1                        | ָּבְיל <u>ָי</u> בְ      | Ţģ.                      | ğğ,  | ğğ  | ğğ,                                | ğ.                           | ֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓ | ָרָבְּיִבְּיָבְ<br>בְּיִבְּיִבְּיִבְּיִבְּיִבְּיִבְּיִבְּיִ | ğ                            | ֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓ | ğ                            | - Ö                          | g                        | <u> </u>                     | ğğ                                    | ğğ  | Ď.                           |
|  |   |                                    |   |   |   |                              |  |  |  |  |                                  |  |  |  |  |   |   |                                    |                              |                          |                          |  |   |                                    |                              |                                       |   |                              |                                       |                              |                              |                          |                              |                                       |   | _                            |
| 833 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |   | 826 1<br>827 1                     | <b></b>   |   | <b></b>   | 818                          | <b></b>  |  | 812<br>1   | مر مو  | 809                              | . در د   | 805  |  | <b>-</b> 1                                       |   | C 797 1   |                                    | c 793 1                      | 791 1                    | 789 1<br>790 1           |  |   | C 783 1                            | 782 1                        | , بر د                                | ، در د  | 777 1                        | ، سر د                                | <b>,</b>                     | 772 1                        | <b>,</b>                 | ــر د                        | 767 1<br>768 1                        | <b>-</b> -  | ــر ،                        |
| 8332<br>8332<br>8333<br>114.<br>836  | 829 14.<br>830 14.  | 826 14.<br>827 14.                 | 14.   | 14.   | 820 14.   | 818 14.                      | 14.  | 14.  | 812 14.  | 810 14.<br>811 14.   | 14.                              | 807 14.  | 805 14.  | 803 14.<br>804 14.   | 14.  | 799 14.<br>800 14.  | 797 14.   | 795 14.                            | 793 14.                      | 14.                      | 14.                      | 787 14.<br>788 14.   | 785 14.<br>786 14.  | 784 14.                            | 782 14.                      | 780 14.                               | 778 14.<br>779 14   | 777 14.                      | 775 14.                               | 774 14.                      | 772 14.                      | 14.                      | 769 14.                      | 767 14.<br>768 14.                    | 14.<br>14.  | 764 14.                      |
| 832 14.2 0.833 14.2 0.835 14.2 0.835 14.2 0.835 14.2 0.836 14.2 0.856 14.2 0.856 14.2 0.856 14.2 0. | 829 14.2 0.<br>830 14.2 0.  | 826 14.2 0.<br>827 14.2 0.         | 14.2 0.   | 14.2 0.   | 820 14.2 0.   | 818 14.2 0.                  | 14.2 0.  | 14.2   | 812 14.2 0.  | 810 14.2 0.<br>811 14.2 0.                                   | 14.2 0.                          | 807 14.2 0.  | 805 14.2 0.<br>806 14.2 0.   | 803 14.2 0.<br>804 14.2 0.   | 14.2   | 799 14.2 0.<br>800 14.2 0.  | 797 14.2 0.   | 795 14.2 0.                        | 793 14.2 0.                  | 14.2 0.                  | 14.2 0.                  | 787 14.2 0.<br>788 14.2 0.                                   | 785 14.2 0.<br>786 14.2 0.                                  | 784 14.2 0.                        | 782 14.2 0.                  | 780 14.2 0.                           | 778 14.2 0.<br>779 14.2 0.                                  | 777 14.2 0.                  | 775 14.2 0.                           | 774 14.2 0.                  | 772 14.2 0.                  | 14.2 0.                  | 769 14.2 0.                  | 767 14.2 0.<br>768 14.2 0.            | 14.2 0.   | 764 14.2 0.                  |
| 832 14.2 0.3 20<br>833 14.2 0.3 20<br>834 14.2 0.3 20<br>835 14.2 0.3 20<br>836 14.2 0.3 20  | 829 14.2 0.3 20<br>839 14.2 0.3 20<br>831 14.2 0.3 20   | 826 14.2 0.3 20<br>827 14.2 0.3 20 | 14.2 0.3 20<br>14.2 0.3 20  | 14.2 0.3 20   | 820 14.2 0.3 20<br>821 14.2 0.3 20  | 818 14.2 0.3 20              | 14.2 0.3 20  | 14.2 0.3 20  | 812 14.2 0.3 20<br>813 14.2 0.3 20   | 810 14.2 0.3 20<br>811 14.2 0.3 20                           | 14.2 0.3 20                      | 807 14.2 0.3 20<br>808 14.2 0.3 20   | 805 14.2 0.3 20<br>806 14.2 0.3 20   | 803 14.2 0.3 20<br>804 14.2 0.3 20                                       | 14.2 0.3 20                                      | 799 14.2 0.3 20<br>800 14.2 0.3 20  | 797 14.2 0.3 20   | 794 14.2 0.3 20                    | 793 14.2 0.3                 | 14.2 0.3 20              | 14.2 0.3 20              | 787 14.2 0.3 20<br>788 14.2 0.3 20                           | 785 14.2 0.3 20<br>786 14.2 0.3 20                          | 784 14.2 0.3 20<br>784 14.2 0.3 20 | 782 14.2 0.3 20              | 780 14.2 0.3 20                       | 778 14.2 0.3 20<br>779 14.2 0.3 20                          | 777 14.2 0.3 20              | 775 14.2 0.3 20                       | 774 14.2 0.3 20              | 772 14.2 0.3 20              | 14.2 0.3 20              | 769 14.2 0.3 20              | 767 14.2 0.3 20<br>768 14.2 0.3 20    | 14.2 0.3 20<br>14.2 0.3 20                        | 764 14.2 0.3 20              |
| 835<br>835<br>836  | 820 14:2 0.3 20 1 US-09-93-7-14C-13<br>829 14:2 0.3 20 1 US-09-902-775A-12<br>830 14:2 0.3 20 1 US-09-902-775A-12 | 826 14.2 0.3 20 1 US-09-495-       | 14.2 0.3 20 1 US-09-905-125A-12<br>14.2 0.3 20 1 US-09-495-714C-7 | 14.2 0.3 20 1 US-09-03-936-1<br>14.2 0.3 20 1 US-09-03-936-1<br>14 2 0.3 20 1 US-09-907-794A-12 | 819 14.2 0.3 20 1 US-10-139-1<br>820 14.2 0.3 20 1 US-10-139-1<br>821 14.2 0.3 20 1 US-00-203-1 | 818 14.2 0.3 20 1 US-10-027- | 14.2 0.3 20 1 US-09-780-1<br>14.2 0.3 20 1 US-09-780-1<br>14.2 0.3 20 1 US-09-112- | 14.2 0.3 20 1 US-09-506-852-9 14.2 0.3 20 1 US-09-681-385-57 | 812 14.2 0.3 20 1 US-09-198-452A-631<br>813 14.2 0.3 20 1 US-09-198-452A-645 | 810 14.2 0.3 20 1 US-09-198-<br>811 14.2 0.3 20 1 US-09-198- | 14.2 0.3 20 1 US-09-198-452A-464 | 807 14.2 0.3 20 1 US-09-198-452A-314<br>808 14.2 0.3 20 1 US-09-198-452A-401 | 805 14.2 0.3 20 1 US-09-198-452A-132<br>806 14.2 0.3 20 1 US-09-198-452A-135 | 803 14.2 0.3 20 1 US-09-705-267A-6<br>804 14.2 0.3 20 1 US-09-705-267A-1 | 14.2 0.3 20 1 US-08-894-14.2 0.3 20 1 US-09-619- | 799 14.2 0.3 20 1 US-09-422-978-104<br>800 14.2 0.3 20 1 US-10-025-139-37 | 797 14.2 0.3 20 1 US-09-422-1<br>797 14.2 0.3 20 1 US-09-422-1<br>798 14.2 0.3 20 1 US-09-422-1 | 794 14.2 0.3 20 1 US-09-911-176B-9 | 793 14.2 0.3 20 1 US-09-898- | 14.2 0.3 20 1 US-09-733- | 14.2 0.3 20 1 US-09-254- | 787 14.2 0.3 20 1 US-09-657-<br>788 14.2 0.3 20 1 US-09-531- | 785 14.2 0.3 20 1 US-09-920-1 786 14.2 0.3 20 1 US-09-920-1 | 783 14.2 0.3 20 1 US-09-920-       | 782 14.2 0.3 20 1 US-09-517- | 780 14.2 0.3 20 1 US-09-791-          | 778 14.2 0.3 20 1 US-09-705-                                | 777 14.2 0.3 20 1 US-09-434- | 775 14.2 0.3 20 1 US-09-724-          | 774 14.2 0.3 20 1 US-09-254- | 772 14.2 0.3 20 1 US-09-844- | 14.2 0.3 20 1 US-09-851- | 769 14.2 0.3 20 1 US-09-659- | 767 14.2 0.3 20 1 US-09-378-          | 14.2 0.3 20 1 US-09-572-14.2 0.3 20 1 US-08-829-1 | 764 14.2 0.3 20 1 US-09-326- |

| C 9004<br>9005<br>9008   | 9999   |  | 999                                    | 9 9  | 888   | 000                          | കക                               | യയ                       | - 00 00                                       | 77  | 77  | 87                             | 77                             | 77           | 8 8          | σσ                           | 9                            | <br>         | 100          | D 00           | ர ப                         | UT U                | UT U         | πОп           | UT U                         | 4.1         | 44                         | . 4.        | 44                             | 44                             | . 4.          | $\omega \omega \omega \Delta$    |
|--|--|--|--|--|---|------------------------------|----------------------------------|--------------------------|---|---|---|--------------------------------|--------------------------------|--------------|--------------|------------------------------|------------------------------|--------------|--------------|----------------|-----------------------------|---------------------|--------------|---------------|------------------------------|-------------|----------------------------|-------------|--------------------------------|--------------------------------|---------------|----------------------------------|
| 114.2<br>14.2<br>14.2<br>2   | * * * * * *  | 444  | 444                                    | 44.  |   | 44.                          | 44                               | 44                       | 44.   | . 4   | 44  | 44                             | 44                             | 44           | 44           | 4.4                          | 44.                          | 44           | 4.4          | 4.4            | 4.4                         | . 4                 | 44           | 4.            | 4.                           | 4.          | 44                         | 4.          | 4.4                            | 44                             | -4            | 444                              |
| 000000   |  |  |  |  |   |                              |                                  |                          |   |   |   |                                |                                |              |              |                              |                              |              |              | •              |                             |                     |              |               |                              |             |                            |             |                                |                                |               |                                  |
| 221221   |  | - 44   |  | . <u>, , , , , , , , , , , , , , , , , , ,</u> |   | . p p                        |                                  |                          | 77  |   | 2 2   |                                | 1                              |              | <b>-</b>     |                              |                              |              | +            | - р-           |                             |                     | <b>–</b> –   | - 0           | 00                           | 0           | 00                         | 0           | 00                             | 00                             | 00            | 0000                             |
|  |  |  |  |  |   |                              |                                  |                          |   |   |   |                                |                                |              | -            |                              |                              |              |              |                | -                           |                     |              | •             |                              |             |                            |             |                                |                                |               |                                  |
| US-09-657-472-398<br>US-09-657-472-395<br>US-09-657-472-671<br>US-09-657-472-859<br>US-09-657-472-1261<br>US-09-657-472-1278 | 9-986-552-41<br>9-382-552-15<br>9-382-552-17<br>9-382-552-17 | 9-380-836-95<br>9-380-836-95<br>9-303-040-27 | 9-422-978-<br>9-422-978-               | 9-635-872A-41<br>9-422-978-399                 | 9-225-201E<br>9-086-663 <i>I</i>                | 9-360-545-<br>9-632-702-     | 9-442-143 <i>I</i><br>8-649-950- | 9-632-703E<br>9-593-012- | 9-363-160-<br>9-225-928-                      | 7-974-409C-<br>9-632-711-2                    | 8-605-430-75<br>9-109-663-42                  | 9-113-168-2<br>8-605-430-7     | 9-150-741-5<br>8-822-774-25    | 8-86         | 8-863-639A-8 | B-863-639A-4<br>B-863-639A-6 | 8-863-639A-4<br>8-863-639A-4 | 8-863-639A-3 | 8-598-873-7  | 8-47           | 8-421-891-4<br>8-441-430-43 | 7-99:<br>8-18:      | 9-596-248D-4 | US96-09388-75 | US95-00163-8<br>US96-09388-7 | US94-07770- | US93-03868-<br>US93-07917- | US93-02213- | 0-006-611-21<br>0591-05815-1   | 9-622-583-1<br>9-622-583-1     | 9-575-554-20  | 9-57<br>9-57<br>9-91             |
| nce 8  | equence 4: equence 1: equence 1: equence 1:                  | equence 4:<br>equence 9:<br>equence 2:       | equence 69<br>equence 79<br>equence 19 | equence 4:<br>equence 3:                       | equence 1:<br>equence 1:<br>equence 2'          | equence 6:                   | equence 21<br>equence 4:         | equence 2:<br>equence 2: | equence 5                                     | equence 3:                                    | equence 7:                                    | equence 2<br>equence 7         | equence 5<br>equence 2!        | equence 1    | equence 8    | equence 4                    | equence 4:                   | equence 3    | equence 7    | equence 4      | equence 4                   | equence 4 equence 2 | equence 4    | equence 7     | equence 8<br>equence 7       | equenc      | equence :                  | equence :   | equence :                      | equence :                      | equence :     | equence :                        |
| 88, App<br>95, App<br>71, App<br>59, App<br>261, App<br>261, App<br>278, Ap  | 8 7 8 F F  | 7.5.5  | 174,<br>1061                           | 998,<br>A                                      | 7 8<br>28 A                                     | , 10 'S<br>A A 'S            | <br>≱≱                           | 17, A                    | , Ap  | 5° £6<br>A× .                                 | ,   | A A                            | 5, Ap                          | 28 × .       | יי<br>פיי    | ۳.۶.<br>ج.ج                  | بر<br>ج ج                    |              | ω.<br>. Α. Α | י<br>יאלי      | A A                         | o.<br>Ap            | 1, A         | )<br> <br>    |                              |             | A A                        | 7, A        | אָלָילָ<br>אָלָילָ             | 7 .*<br>A A                    | ), A          | 26, Appl<br>39, Appl<br>29, Appl |
| App  | App<br>App   | 999  | , Ag<br>ga                             | .¥g.   | aga<br>Aga<br>1                                 | 255                          | <u> </u>                         | Pp1                      | pli<br>App                                    | pp.   |   | р <u>1</u> 1                   | pli<br>ppl                     | pp1          | 997          | 199                          | 9<br>1<br>2<br>2<br>2<br>1   | <u> </u>     | Idd          | P P            | 2 2                         | 1 20                | pp.          | 1dd           | 199                          | Įġq         | 11 p                       | pp1         | 192                            | ppl<br>1dd                     | 1qq           | ppl<br>ppl<br>ppl                |
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|  | 00000  |  | 0.00                                   |  | 0 0 C   |                              | 0.3                              | 0.3                      |   |   |   |                                | 0.3                            |              |              |                              |                              |              |              | ο ο .<br>υ ω . | . w                         | 0.u                 | 0.0          | 0.3           | 0.u                          | 0.0         | 0 0<br>                    | 0.3         | . u                            | 0.u                            | 0.3           | 0000                             |
| 222222   | 2222   | 222  | 200                                    | 20   | 18<br>19  | 18<br>18                     | 18<br>18                         | 18<br>18                 | 18<br>18                                      | 17<br>18                                      | 17<br>17                                      | 17<br>17                       | 17<br>17                       | 15           | 15           | 15<br>15                     | 15<br>15                     | 15           | 15           | 15             | 15                          | 15                  | 15           | 14            | 21                           | 21          | 21<br>21                   | 21          | 21                             | 21<br>21                       | 21            | 21 21                            |
| <b></b>  |  |  |  | <b>-</b> -                                     | <b></b>   | مو مو د                      | μμ                               | <b>_</b> _               | <u>, , , , , , , , , , , , , , , , , , , </u> | <u>, , , , , , , , , , , , , , , , , , , </u> | <u>, , , , , , , , , , , , , , , , , , , </u> |                                | 11                             | <b>-</b> - , | - р          |                              |                              | <b></b>      |              | ر مبر د        | <b>-</b>                    | <b>-</b> -          | ۲,           |               | <b>,,</b> ,,                 | . 🗀 ,       |                            | ٠,          |                                |                                | ۰,            |                                  |
| 0118   | **   | , 4 4 4                                      | 994                                    | 9-696-791-35<br>3-355-824-5                    | JS93-05794-28<br>JS93-05794-28<br>9-696-791-359 | 9-523-462-36<br>9-522-980-36 | 9 9                              | φφ                       | Ψ.Ψ   | 9-404-912-348<br>7-903-466-28                 | 9 9   | 9-584-040-234<br>9-371-772B-89 | 9-373-124A-16<br>9-435-628-162 | 991          | ישפ          | 9 8                          | φ <del>β</del>               | 8 4          | 9 49 9       |                | pω                          | 8 8                 | 8-363-240A-  | -998-099-     | 9-717-054-7<br>US92-06412-   | 9-717-054-  | 9-399-003-6<br>9-636-596C  | 9-399-003-2 | 9-657-472-248<br>9-333-785-390 | 9-657-472-167<br>9-657-472-195 | 9-657-472-165 | 999                              |
| Sequence<br>Sequence<br>Sequence<br>Sequence<br>Sequence<br>Sequence<br>Sequence   | sequ<br>sequ<br>sequ   | Sequ<br>Sequ                                 | Sequ<br>Sequ                           | Segu   | Sequ  | Sequ                         | Segu                             | Segu<br>Segu             | Sequ  | Sequ  | Sequ  | Sequ                           | Sequ<br>Sequ                   | Sequ         | Sequ         | Sequ                         | Sequ                         | Sequ         | Sequ         | Sequ           | Sequ                        | Sequ                | Segr         | Sequ          | Seq.                         | Seq         | Seq                        | Seq         | seg                            | seg<br>pes                     | Seg           | Sequence<br>Sequence<br>Sequence |

| 1052<br>1054<br>1054<br>1052<br>1053   | 104  | C1032<br>C1032<br>C1033<br>C1034<br>C1035<br>C1036<br>C1037  | 1024<br>1025<br>1026<br>1026<br>1027<br>1027<br>1028<br>1029<br>1030   |  | C1009<br>C1000<br>C1000<br>C1002<br>C1003<br>C1004<br>C1005<br>C1006<br>C1008<br>C1008<br>C1008<br>C1009<br>C1011  | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |
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| Sequence 74, Appl<br>Sequence 45, Appl<br>Sequence 45, Appl<br>Sequence 26, Appl<br>Sequence 26, Appl<br>Sequence 5, Appl<br>Sequence 16, Appl<br>Sequence 10, Appl<br>Sequence 13, Appl<br>Sequence 13, Appl<br>Sequence 13, Appl<br>Sequence 16, Appl<br>Sequence 11, Appl<br>Sequence 26, Appl<br>Sequence 27, Appl<br>Sequence 27, Appl<br>Sequence 28, Appl<br>Sequence 29, Appl<br>Sequence 25, Appl<br>Sequence 25, Appl<br>Sequence 26, Appl<br>Sequence 27, Appl<br>Sequence 28, Appl<br>Sequence 28, Appl<br>Sequence 29, Appl<br>Sequence 29, Appl<br>Sequence 29, Appl<br>Sequence 30, Appl<br>Sequence 30, Appl<br>Sequence 28, Appl<br>Sequence 28, Appl<br>Sequence 27, Appl<br>Sequence 28, Appl<br>Sequence 315, Appl<br>Sequence 58, Appl<br>Sequence 58, Appl<br>Sequence 103, Appl<br>Sequence 27, Appl<br>Sequence 28, Appl<br>Sequence 28, Appl<br>Sequence 21, Appl<br>Sequence 21, Appl<br>Sequence 21, Appl<br>Sequence 21, Appl<br>Sequence 22, Appl<br>Sequence 24, Appl<br>Sequence 129, Appl<br>Sequence 129, Appl<br>Sequence 129, Appl<br>Sequence 142, Appl<br>Sequence 24, Appl<br>Sequence 24, Appl<br>Sequence 142, Appl<br>Sequence 24, Appl<br>Sequence 26, Appl<br>Sequence 27, Appl<br>Sequence 28, Appl<br>Sequence 29, Appl<br>Sequence 21, Appl<br>Sequence 21, Appl<br>Sequence 22, Appl<br>Sequence 24, Appl<br>Sequence 26, Appl<br>Sequence 27, Appl<br>Sequence 28, Appl<br>Sequence 29, Appl<br>Sequence 21, Appl<br>Sequence 21, Appl<br>Sequence 21, Appl<br>Sequence 22, Appl  | equence<br>equence<br>equence<br>equence<br>equence<br>equence<br>equence<br>equence  |
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| Sequence 15, Appl 100  |  |
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| Sequence 15, Appl. 1083-9183-15  Sequence 65, Appl. 1083-9183-15  Sequence 75, Appl. 1083-9183-9183-9183-9183-9183-9183-9183-91   |  |
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| Sequence 13, Appl 44-11 Sequence 14, Appl 44-24 Sequence 14, Appl 44-12 Sequence 15, Appl 44-16 Sequence 16, Appl 44-17 Sequence 17, Appl 44-17 Sequence 18, Appl 44-18 Sequence 19, Appl 44-19 Sequence 20, Appl 44-19 Sequence 21, Appl 44-19 Sequence 21, Appl 44-19 Sequence 22, Appl 44-19 Sequence 23, Appl 44-19 Sequence 24, Appl 44-19 Sequence 25, Appl 44-19 Sequence 26, Appl 44-19 Sequence 27, Appl 44-19 Sequence 28, Appl 44-19 Sequence 29, Appl 44-19 Sequence 21, Appl 44-19 Sequen |  |
| 155, Appl 1  |  |
| 13.4 0.3 15 1 US-08-338-352-5 13.4 0.3 15 1 US-08-399-738A-4 13.4 0.3 15 1 US-09-612-531-8 13.4 0.3 15 1 US-09-612-531-9 13.4 0.3 15 1 US-09-612-531-1 13.4 0.3 15 1 US-09-612-531-2 13.4 0.3 15 1 US-09-142-212A-3 13.4 0.3 15 1 US-09-753-943D-4 13.4 0.3 15 1 US-09-753-943D-1 13.4 0.3 16 1 US-08-245-742A-1 13.4 0.3 16 1 US-0 |  |
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| Sequence 5, Appli Sequence 4, Appli Sequence 9, Appli Sequence 9, Appli Sequence 9, Appli Sequence 10, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 12, Appli Sequence 13, Appli Sequence 21, Appli Sequence 21, Appli Sequence 21, Appli Sequence 22, Appli Sequence 23, Appli Sequence 24, Appli Sequence 25, Appli Sequence 3, Appli Sequence 6, Appli Sequence 11, Appli Sequence 7, Appli Sequence 11, Appli Sequence 11, Appli Sequence 12, Appli Sequence 11, Appli Sequence 12, Appli Sequence 12, Appli Sequence 13, Appli Sequence 14, Appli Sequence 17, Appli Sequence 18, Appli Sequence 11, Appli Sequence 11, Appli Sequence 12, Appli Sequence 12, Appli Sequence 13, Appli Sequence 14, Appli Sequence 15, Appli Sequence 17, Appli Sequence 11, Appli Sequence 11, Appli Sequence 12, Appli Sequence 12, Appli Sequence 13, Appli Sequence 14, Appli Sequence 15, Appli Sequence 16, Appli Sequence 16, Appli Sequence 17, Appli Sequence 16, Appli Sequence 17, Appli Sequence 16, Appli Sequence 17, Appli Sequence 17, Appli Sequence 18, Appli Sequence 19, Appli Sequence 19, Appli Sequence 10, Appli Sequence 11, Appli Sequence 11, Appli Sequence 12, Appli Sequence 12, Appli Sequence 13, Appli Sequence 16, Appli Sequence 17, Appli Sequence 16, Appli Sequence 17, Appli Sequence 17, Appli Sequence 18, Appli Sequence 19, Appli Sequence 19, Appli Sequence 10, Appli Sequence 10, Appli  | 18-45-240A-708 18-46-807-1 17-892-902-6 18-473-481-4 18-292-620A-63 18-292-620A-63 18-292-620A-63 18-292-620A-63 18-292-620A-63 18-292-620A-63 18-292-620A-63 18-383-164 18-383-18-383 19-031-845-63 19-031-845-63 |

|   |   |   | 122                                  | 177  | 176   | 176                                   | C175  | C175  | 175<br>C175  | C175<br>175  | 1748   | C17,  | 17<br>17<br>C17   | C17   | C173   | c173<br>c173   | C1733  | c1731                                | C1729  | c172   | C172                                  | C17                          | C17  | 3 - 5                                 | 222  | C17<br>C17   |  |
|---|---|---|--------------------------------------|--|---|---------------------------------------|---|---|--|--|--|---|---|---|--|--|--|--------------------------------------|--|--|---------------------------------------|------------------------------|--|---------------------------------------|--|--|--|
| 1777<br>1777<br>1778<br>c1779<br>c1780<br>c1781<br>1782<br>1783<br>c1784  | 1773<br>1774<br>1775<br>1776  | 1770<br>1771<br>C1771   | 767                                  | 4 0 0  | ພິລິໄ   | ŭ ö i                                 | 66  | 1000  | - ω :  | N P O  | Ψω,  | 3 6 6   | 4 4 4<br>2 0 4  | 40  | 987  | 0 0  |  |                                      | - w  | 8 7 0  | א נוט ע                               | ν<br>ν<br>ω                  | 227  | 719                                   | 716<br>717<br>718  | 114  |  |
|   |   |   | 13.4                                 | 13.4   | 13.4  | 13.4                                  | 13.4  | 13.4  | 13.4   | 13.4<br>13.4   | 13.4   | 13.4  | 13.4<br>13.4  | 13.4  | 13.4   | 13.4<br>13.4   | 13.4   | 13.4<br>13.4                         | 13.4   | 13.4   | 13.4                                  | 13.4                         | 13.4   | 13.4                                  | 13.4<br>13.4   | 13.4<br>13.4<br>13.4   |  |
|   |   |   |                                      |  |   |                                       |   |   |  |  |  |   |   |   |  |  |  |                                      |  |  |                                       |                              |  |                                       |  |  |  |
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| US-09-866-108A-8654 US-09-866-108A-9176 US-09-866-108A-9177 US-09-866-108A-9177 US-09-866-108A-9178 US-09-866-108A-10447 US-09-866-108A-10448 US-09-866-108A-10448 US-09-866-108A-10448 US-09-866-108A-10448 US-09-866-108A-10448 | US-09-866-108A<br>US-09-866-108A<br>US-09-866-108A<br>US-09-866-108A  | US-09-866-108A<br>US-09-866-108A  | US-09-866-108A                       | US-09-866-108A<br>US-09-866-108A   | US-09-866-108A  | US-09-866-108A                        | US-09-827-998-28<br>US-09-827-998-28  | US-09-401-063-54<br>US-09-827-998-28  | US-09-476-387-390<br>US-09-476-387-880                     | US-09  | US-08-584-040-76 US-08-584-040-76 US-09-474-4328-3   | US-08-985-162-54<br>US-09-100-104-2                           | . US-08   | US-08-758-306-1025  | 95-04632-8<br>)55-390-12<br>)58-306-109  | PCT-US94-05700-11<br>PCT-US94-05700-12                         | PCT-US94-05700-9   | PCT-US94-05700-6                     | 1 US-09-705-400-14<br>1 US-09-771-357-71                                 | 1 US-10-104-818-4<br>1 US-10-104-818-4<br>1 US-09-765-400-14   | 394-467-4<br>394-467-4                | 1 US-09-709-596A-4           | 1 US-08-476-423A-78<br>1 US-09-394-457C-4                    | 1 US-08-476-4733-56                   | 1 US-08-876-996-10<br>1 US-08-876-996-11<br>1 US-08-876-996-12 | 1 US-08-876-996-6<br>1 US-08-876-996-8<br>1 US-08-876-996-9                            |  |
| 91<br>91<br>10<br>10<br>19<br>19<br>19  | 8 8 2 2 2   | 811   | 67                                   | 200  | 155   | 7 4 7                                 | 28.2  | 284   | 88   | 168  | 39.6   | 205   | Sequence 2, Appl<br>Sequence 1, Appl<br>Sequence 5, Appl                                | 10  | 8, Appl<br>12, App   | 11<br>12   | 5,9  | 9 و                                  |  |  |                                       |                              |  |                                       | equence :  | Sequence 6, Appli<br>Sequence 8, Appli<br>Sequence 9, Appli                            |  |
| 55, Ap<br>55, Ap<br>77, Ap<br>77, Ap<br>78, Ap<br>447, Ap<br>4001   | , , , , , , , , , , , , , , , , , , ,   | 1888  | Ap<br>Ap                             | A P  | Ap<br>Ap  | ָלְּלָּלְ<br>סיל                      | 8 8 5   | ਰੂਰ   | ; <b>G</b> G   | A P  | P<br>P<br>P  | li p  | ju. ju.   | י סי סי   | 3 P P.   | حَ حَ  |  | h- h-                                | 223  | n i  | ) L.                                  | . F. I                       | J. 21 2  | י סיר                                 | <b>-</b>   | p. p. p.   |  |
| App 1850 App 1852 App 1852 App 1853 App C1855 App C1856 A C1856 A C1856   | A D D D D   |   |                                      |  |   |                                       |   |   |  |  |  |   |   |   |  |  |  |                                      |  |  |                                       | _                            |  |                                       |  | · • · · · ·  |  |
|   | Ap 01846 1<br>Ap 01847 1<br>Ap 1848 1   | C1842 1<br>C1843 1  | 1840 1                               | 1837 1<br>1838 1<br>1839 1   |   | 1833 1                                | 1830 I<br>C1831 I   | 1828 1<br>1829 1  | C1826 1<br>1827 1  |  |  | 1818 1<br>C1819 1   |   | 1813 1<br>C1814 1   | c1810 1<br>1811 1  | 1808 1<br>1809 1   |  |                                      | 1802 1<br>C1803 1  |  |                                       | _                            |  |                                       |  | · • · · · ·  |  |
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| 2507<br>2508<br>2509<br>2510<br>2511<br>2511<br>2512<br>2513<br>2514<br>2515  | C2502<br>2502<br>2503<br>2504<br>2505   | 2496<br>C2497<br>C2498<br>C2499<br>C2500  | C2492<br>C2493<br>C2494<br>C2494   | 2487<br>C2488<br>C2489   | 2484<br>C2485<br>2486                                      | C2480<br>C2481<br>2482  | C2477<br>2478<br>2479                  | 2473<br>C2474<br>C2475                                      | 2470<br>2471<br>C2471<br>C2472      | C2466<br>C2467<br>2468                                   | C2463<br>2464<br>2465                                    | 2460<br>2461<br>C2462  | 2458<br>C2459                          | 2455<br>C2456<br>2457                                    | C2453<br>2454                         | C2451                                | 2449              | C2447                                 | 2444<br>2445<br>2446                                       | 2443             |
|---|---|---|--|--|--|---|--|---|-------------------------------------|--|--|--|--|--|---------------------------------------|--------------------------------------|-------------------|---------------------------------------|--|------------------|
| 13.22   |   |   |  |  |  |   |  | 35.22   | 13.2                                |  | 13.2<br>13.2<br>13.2                                     |  |  |  |                                       |                                      |                   |                                       |  |                  |
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| Sequence 6631, Ap<br>Sequence 6860, Ap<br>Sequence 9919, Ap<br>Sequence 10976, A<br>Sequence 11451, A<br>Sequence 11451, A<br>Sequence 138, App<br>Sequence 8, Appli<br>Sequence 126, App<br>Sequence 268, App  | 135,<br>119,<br>144, A<br>6306,   | 145   | 13   | ωμω,<br>Φ.Δ.Ψ.,  | 79<br>86<br>93   | Sequence 73, Appl<br>Sequence 87, Appl<br>Sequence 209, App<br>Semience 14, Appl  | equence 67<br>equence 49<br>equence 77 | 94  | equence 19 equence 19               | 18<br>67   | equence 13<br>equence 49<br>equence 77                   | equence 16<br>equence 16<br>equence 12                       | equence 11                             | 4.4<br>4.9<br>4.9  | equence 59<br>equence 12              | equence 45<br>equence 45             | equence 10        | equence 19<br>equence 32              | 441  | 4.<br>12.        |
| 2580<br>2582<br>2583<br>2583<br>2584<br>2586<br>2586<br>2588  | c2574<br>c2575<br>2576<br>2577<br>2577<br>c2578   | 2569<br>c2570<br>c2571<br>2572<br>2573  | C C C C C C C C C C C C C C C C C C C  | 2560<br>2561<br>2562<br>C2563  | C2558<br>C2558   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 2550<br>c2551<br>c2552                 | C2546<br>C2547<br>C2548                                     | C2544<br>C2544                      | c2539<br>2540<br>2541                                    | c2536<br>c2537<br>c2538                                  | C2533<br>2534  | c2531<br>c2532                         | c2528<br>2529  | C2526<br>2527                         | C2524<br>C2525                       | 02522             | 2520                                  | C2517<br>2518<br>C2519                                     | c2516            |
|   |   |   | 13.2<br>13.2<br>13.2   | 13.2   | 13.2   | 111111  | 13.22                                  | 13.2  | 13.2                                | 13.2   |  | 13.2   |  |  |                                       |                                      |                   |                                       |  | 13.2             |
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RESULT 1

US-08-222-177A-385/c

US-08-222-177A-385/c

Sequence 385, Application US/08222177A

Patent NO. 5582979

GENERAL INFORMATION:

APPLICANT: Weber, James L.

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES: 460
                                                                                                                                                                                                   US-09-909-558-44
US-09-520-781-69
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US-09-966-451-50
US-09-966-451-50
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US-09-975-123-37
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RESULT 2
US-09-232-785-364/c

(Sequence 364, Application US/09232785

(Patent No. 6733965
(GENERAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Recht, Craig. S
APPLICANT: Beht, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MARKERS AND
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 364
LENGTH: 33
TYPE: DNA
ORGANITAM FILL.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; IMMEDIATE SOURCE:
; CLONE: mfdl22rs
US-08-222-177A-385
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ADDRESSEE: DeWitt Ro
THE STREET: 8000 Excelsi
CITY: Madison
STATE: Wisconsin
                                                                                                                                   ; ORGANISM: Pinus taeda 
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DDS/MS-DOS
SOFTWARE: Patentin Release #1.0, Vers
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/341,562
APPLICATION NUMBER: US 08/341,562
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INFORMATION FOR SEQ ID NO:
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8000 Excelsior Drive, Suite 401
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Score 25.6; DE Pred. No. 9.4; 0; Mismatches
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                                                                 Length 33;
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   Indels
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US-09-281-481A-4
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; ORGANISM: Pinus taeda L.
US-09-232-785-365
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Best Local Similarity
Matches 28; Conserv
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SOFTWARE: FastSEQ for
SEQ ID NO 365
LENGTH: 36
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CLASSIFICATION:
PRIOR APPLICATION UNMBER: US/08/893,971
APPLICATION NUMBER: US/08/893,971
FILING DATE: 16-UUL-1997
APPLICATION NUMBER: US 232,229
FILING DATE: 29-APR-1994
APPLICATION NUMBER: PK9979 (AU)
FILING DATE: 01-NOV-1991
APPLICATION NUMBER: PCT/AU92/00583
FILING DATE: 30-OCT-1992
APPLICATION NUMBER: PCT/AU92/00583
FILING DATE: 30-OCT-1992
APPLICATION NUMBER: PCT/AU92/00583
FILING DATE: 30-OCT-1992
ATTORNEY/AGENT: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MAF
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATION
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/09/281,481A
APPLICATION NUMBER: US/09/281,481A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: DAWKINS TITLE OF INVENTION:
                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: UNITED ZIP: 11530-0299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: GARDEN CITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
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1: UNITED STATES OF AMERICA
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Pred. No. 11;
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                                                                           US-09-281-481A-2
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Query Match
Best Local Similarity
Matches 25; Conserv
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Best Local Similarity 92.9%;
Matches 26; Conservative
                                                                                                                                                                                                                          APPLICATION NUMBER: US 232,22
FILING DATE: 29-APR-1994
APPLICATION NUMBER: PK9279 (A
FILING DATE: 01-NOV-1991
APPLICATION NUMBER: PCT/AU92/
FILING DATE: 30-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGLIO, FRANK S
REFERENCE/DOCKET NUMBER: 9279
TELECOMMUNICATION INFORMATION:
TELESPHONE: +516 742 4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION: APPLICANT: DAWKIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: +516 742 4366 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                             TELEFAX: +516 742 4366 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/893,971
FILING DATE: 16-JUL-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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TELECOMMUNICATION INFORMATION:
TELEPHONE: +516 742 4343
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                                                                                           MOLECULE TYPE:
                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: DAWKINS, Roger L. and ABRAHAM, Lawrence TITLE OF INVENTION: GENETIC ANALYSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/281,481A FILING DATE:
                                                                                                                         STRANDEDNESS:
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                                                                                                           TOPOLOGY:
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                                                                                                                                                           ENGTH:
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                                                                                                                                         : 28 base pairs
nucleic acid
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                       0.5%;
96.2%;
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                                                                                                                                                                                                                                                                                                                                                                      PK9279 (AU)
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                       Score 24.4;
Pred. No. 12;
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Pred. No. 17
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                                       DB 1;
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                                   Length 28;
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                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0, V. CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469 accreting DATE: 06-UTW-CLASSIFTCE.
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                Patent No.
                                                                                                                                                                             Sequence 46,
                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
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                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Orr, Harry T.
APPLICANT: Ranum, Laura F
APPLICANT: Chung, Ming-yi
APPLICANT: Zoghbi, Huda Y
                                                                                                                      GENERAL INFORMATION:
APPLICANT: Orr, H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 612-305-1225
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs
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ITTLE OF INVENTION: Type 1 and Method for Diagnosis NUMBER OF SEQUENCES: 47

CORRESPONDENCE ADDRESS:

ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach, STREET: 119 No. 5741645th Fourth Street, Suite 203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Mueting, Ann M.
REGISTRATION NUMBER: 33,977
REFERENCE/DOCKET NUMBER: 110
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1217
              TITLE OF INVENTION:
cent No. 5834183
TITLE OF INVENTION:
                                                                APPLICANT: Ranum, Laura P.W. APPLICANT: Chung, Ming-yi APPLICANT: Zoghbi, Huda Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                           6, Application US/08267803B 5834183
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                                                                                                                        Harry T.
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Type 1 and Method for Diagnosis 85
                                                 Gene Sequence for Spinocerebellar Ataxia
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Pred. No. 25;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Kandimalla, Ekambar R.
APPLICANT: Agrawal, Sudhir
TITLE OF INVENTION: Integrated Oligonucleotides
                               APPLICATION NUMBER: US/08/418,123A
FILING DATE: April 6, 1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,142
REFERENCE/DOCKET NUMBER: 93,000-E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO:
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ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach,
STREET: P.O. Box 581415
                                                                                                                                                                                                                                                                                              STREET: SC. CITY: Chicago CITY: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: McCormack, Myra H.
REGISTRATION UNMBER: 36,602
REFERENCE/DOCKET UNMBER: 111
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1217
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                                                                                                                                                                 SOFTWARE: Microsoft Word 7.0 for Windows CURRENT APPLICATION DATA:
                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TOPOLOGY: linear
MOLECULE TYPE: DNA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/715-1000
                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: 28-JUN CLASSIFICATION: 435
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CITY: Minneapolis
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EDNESS: single
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Pred. No. 25;
0; Mismatches
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                                                        Best Loc
Matches
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Best Local Similarity
Matches 27; Conserv
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                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 7.0 for Windows 95
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/418,123A
FILING DATE: April 6, 1995
CLASSIFICATION: 536
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TELEFAX: 312/715-1234
INFORMATION FOR SEQ ID NO: 1
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                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS LENGTH: 35 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                           ATTORMEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,142
REFERENCE/DOCKET NUMBER: 93,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MODELLE NO SENSE: YES
                                                                                                                                 HYPOTHETICAL: N
ANTI-SENSE: YES
                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Agrawal, Sudhir
TITLE OF INVENTION: Integrated Oligonucleotides
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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STATE: Illinois
                                                                      Local
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                                                                     Score 23.4;
Pred. No. 33;
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Pred. No. 31;
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                                                        Mismatches
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                                                       Gaps
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RESULT

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Sequence 8, Application.

Sequence 10, 5856103

Patent No. 5856103

GENERAL INFORMATION:

APPLICANT: Gray, Donald M.

APPLICANT: Gray, Donald M.

APPLICANT: Gray, Chris L.

APPLICANT: Gray, Chris L.

TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES

TITLE OF INVENTION: FOR ANTISENSE TARGETING
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 13, Application US/08418123A Patent No. 5739308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
HYPOTHETICAL: YES
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 7.0 for Windows
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
COMPUTER: IBM PC com
               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,142
REFERENCE/DOCKET NUMBER: 93,000-E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/715-1000
TELEFAX: 312/715-1234
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                                                                                             COUNTRY: USA
ZIP: 75201-6776
                                                                                                                                                    STREET: 2200
CITY: Dallas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 60606
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TYPE: nucleic acid
STRANDEDNESS: single
 SOFTWARE:
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300 South Wacker Drive
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PatentIn Release #1.0,
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Pred. No. 3
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Version #1.30
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US-08-808-474A-9
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                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIAN PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: MAYÉLEL, DENÍSE L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDAL:001
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                         Matches
                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 9, Application US/08808474A Patent No. 5856103
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (214) 740-8800 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                        TELEFAX: (214) 740-8800 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 3,732
REFERENCE/DOCKET NUMBER: UTDAL:001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES TITLE OF INVENTION: FOR ANTISENSE TARGETING NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                            LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 75201-6776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Dallas
STATE: Texas
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nes 23; Conservative
                                                                        Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
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271 TCTCTCTCTTTCTCTCTCTCTCTC 294
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2200 Ross Avenue, Suite 2200
                                                         Conservative
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                                                                      0.4%;
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                                                                        Score 22.4;
Pred. No. 25;
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Pred. No. 2
                                                         Mismatches
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                                                                                         DB 1;
                                                                                         Length 24;
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                                                                                                                                                                                                                                                                                                                              Sequence 11, Application US/08808474A Patent No. 5856103
GENERAL INFORMATION:
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GENERAL INFORMATION:
APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
APPLICANT: Clark, Chris L.
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
TITLE OF INVENTION: FOR ANTISENSE TARGETING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.4%; Score 22.4;
Best Local Similarity 45.8%; Pred. No. 25;
Matches 11; Conservative 12; Mismatches
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COUNTRY: USA
ZIP: 75201-6776
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatib
OPERATING SYSTEM: PC-DOS/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/808
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: MAYÉLEI, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
TELEPHONE: (214) 740-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 75201-6776
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                             TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES TITLE OF INVENTION: FOR ANTISENSE TARGETING NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
                                                                                                                                                                                                                                                                                         APPLICANT: Gray, Donald M. APPLICANT: Clark, Chris L.
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                                                                                                                    STREET: 2200 F
CITY: Dallas
STATE: Texas
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    PC-DOS/MS-DOS
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RESULT 16
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                                                                                                                                              US-09-235-614-9
                                                                                                                                                                                                                                                                                                                                                           ; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: Hybrid mRNA US-09-235-614-8
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                                                                                     Sequence 9, Application US/09235614
Patent No. 6183966
GENERAL INFORMATION:
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LENGTH: 24
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Best Local
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APPLICANT: GRAY, DO
APPLICANT: CLARK, O
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Best Local
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Patent No. 6183966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: GRAY, DONALD M.
APPLICANT: CLARK, CHRISTOPHER L.
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING FILE REFERENCE: 91556/66384
                APPLICANT: GRAY, DONALD M.

APPLICANT: CLARK, CHRISTOPHER L.

TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/235,614
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 08/
PRIOR FILING DATE: 1994-10-07
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RNA
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REFERENCE/DOCKET NUMBER: UTDAL:001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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TOPOLOGY: 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
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                                                                                                                                                                                                                                         270 CTCTCTCTCTTTCTCTCTCTCT 293
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91556/66384
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1997-03-03
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95.8%;
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Pred. No. 25;
0; Mismatches
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Pred. No. 25;
0; Mismatches
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RESULT 18
US-09-235-614-11/c
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US-09-235-614-10
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US-09-235-614-9
                                                                                                                                                                                                                                                                                                                                                                      US-09-235-614-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/235,614
CURRENT FILING DATE: 199-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 08/320,507
PRIOR FILING DATE: 1994-10-07
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin Ver: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 10
LENGTH: 24
TYPE: RNA
                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 45.8
'-^~ 11; Conservative
                                                                                                                  GENERAL INFORMATION:
                                                                                                                                  Sequence 11, Application US/09235614 Patent No. 6183966
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LENGTH: 24
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APPLICANT: GRAY, DONALD M.

APPLICANT: CLARK, CHRISTOPHER L.

TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING FILE REFERENCE: 91556/66384
CURRENT EMPLICATION NUMBER: US/09/235,614
CURRENT FILING DATE: 1999-01-22
CURRENT FILING DATE: 1999-01-22
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CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 08/320,507
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Hybrid
                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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Local Similarity 95.8%;
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                                                                                                                                                                                                                                                                                                                  Score 22.4;
Pred. No. 2
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Pred. No. 25;
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FILE REFERENCE: 91556/66385CIP
CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
SOPTWARE: PATENTIN Ver. 2.1
SEQ ID NO 1
LENGTH: 24
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US-09-487-130-1
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                   APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEM, GIHAN M.
APPLICANT: HASHEM, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED
TITLE OF INVENTION: DUPLEX
FILE REPERENCE: 91556/66385CIP
CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
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PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1994-1
NUMBER OF SEQ ID NOS: 38
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APPLICANT: HASHAM, GHAN M.
TITLE OF INVENTION: CONVERSION OF
TITLE OF INVENTION: DUPLEX
                 NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of OTHER INFORMATION: nucleic acid
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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LENGTH: 24
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Local Similarity 95.8%;
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PatentIn Ver. 2.1
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Pred. No. 25;
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Pred. No. 25;
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CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
LENGTH: 24
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Patent No. 6362322
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEM, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED
TITLE OF INVENTION: DUPLEX
TITLE OF INVENTION: DUPLEX
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TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
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APPLICANT: HASHEM, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED TITLE OF INVENTION: DUPLEX
FILE REFERENCE: 91556/66385CIP
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                                                      TYPE: RNA
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                                 ORGANISM: Artificial Sequence
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THER INFORMATION: Description of Artificial Sequence: synthetic
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Pred. No. 25;
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Pred. No. 25;
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Sequence 5, Application US/09487130

Patent No. 6362322

GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEM, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED TITLE OF INVENTION INDELEX
FILL REFERENCE: 91556/66385CIP
CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT EPILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 5

IENCTH. 24
                                                                                                                                                               FILE REFERENCE: 91556/66385CIP
CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
SOPTWARE: PALENTIN Ver. 2.1
SEQ ID NO 6
LENGTH: 24
                                                     ; OTHER INFORMATION: Description of Artificial Sequence: synthetic; OTHER INFORMATION: nucleic acid US-09-487-130-6
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APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEM, GIHAN M.
APPLICANT: HASHEM, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED
TITLE OF INVENTION: DUPLEX
TITLE OF INVENTION: DUPLEX
Query Match
Best Local Similarity
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                                                                                                                  TYPE: RNA
ORGANISM: Artificial Sequence
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Pred. No. 25
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Pred. No. 25
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 No. 25;
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US-08-068-747-7/c
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; ORGANISM: Pinus taeda
US-09-232-785-357
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TITLE OF INVENTION: MICROSATELITE DNA MARKE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
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Patent No. 6733965
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Schalling, Martin APPLICANT: Hudson, Thomas J. APPLICANT: Housman, David E. APPLICANT: Housman, David E.
FILING DATE: 28-MAY-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patticia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MIT-6141
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
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                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy COMPUTER: IBM PC Com
                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook,
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Direct Determination of Expanded TITLE OF INVENTION: Nucleotide Repeats in the Human Genome
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                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                   ZIP: 02173
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Local Similarity 95.8%;
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                                                                                                                                                                                                                                 Floppy disk
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Pred. No. 25;
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RESULT 28
US-08-860-038-19
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Best Local Similarity
Matches 26; Conserv
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SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
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INFORMATION FOR SEQ ID NO:
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HYPOTHETICAL: N
ANTI-SENSE: YES
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REFERENCE/DOCKET NUMBER: 93
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/715-1000
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ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FLOOS PC-DOS/MS-DOS
OPERATING SYSTEM: FC-DOS/MS-DOS
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ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
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APPLICANT: Agrawal, Sudhir
TITLE OF INVENTION: Integrated Oligonucleotides
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                                                                                                                      Local Similarity hes 26; Conserv
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                                                                                                                                                                                                                                                      STRANDEDNESS:
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FILING DATE: April 6, 1995
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Pred. No. 48
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Pred. No. 48;
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US-09-580-923-19
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                                                                                                                                                                                                                     Sequence 19, Application US/09580923 Patent No. 6319672
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                                              APPLICANT: Scherman, Daniel
APPLICANT: Wils, Pierre
APPLICANT: Cameron, Beatrice
APPLICANT: Blanche, Francis
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
TITLE OF INVENTION: IMMOBILIZED OLIGONUCLEOTIDE
FILE REFERENCE: 03804.0138-01
CURRENT APPLICATION NUMBER: US/09/580,923
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 08/860,038
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APPLICATION NUMBER: FR 94/
FRILING DATE: 16-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO FR:
APPLICATION NUMBER: WO FR:
FILING DATE: 08-NOV-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                PPLICANT:
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MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: SAVITZKY ESQ., MARTIN F.
REGISTRATION NUMBER: 229,639
REFERENCE/DOCKET NUMBER: ST940:
TELECOMMUNICATION INFORMATION:
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APPLICANT: WILS, Pierre
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Similarity 95.5%; Pred. No. 8
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500 Arcola Road,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CROUZET, Joel
SCHERMAN, Daniel
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/desc = "Oligonucleotide"
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Mailstop 3C43
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                                                        Query Match
Best Local S
Matches 24
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GENERAL INFORMATION:
APPLICANT: Schalling, Martin
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Best Local
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SEQ ID NO 19
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PRIOR APPLICATION NUMBER: PCT
PRIOR FILING DATE: 1995-11-08
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                                                                                                                                                                                                                                   TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                             MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "Synthetic"
                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MIT-6141
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Direct Determination of Expanded TITLE OF INVENTION: Nucleotide Repeats in the Human Genome NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
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                                                                                                                                                                                 STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: Two Mil:
CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/068,747 FILING DATE: 28-MAY-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DDRESSEE:
3909 CCGCCCACCCCGACGCCGCCGGCCGCCGCTG 3938
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                                                        0.4%;
1 Similarity 80.0%;
24; Conservative
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                                                                                                                                                                                                                    H: 30 base pairs
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Housman, David E.
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                                                        Score 20.4; DB 1; Length 30; Pred. No. 1.1e+02; O; Mismatches 6; Indels
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Pred. No. 81;
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Query Match
Best Local Similarity
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US-09-038-637-120/c
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; ORGANISM: human
US-09-475-947A-332
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US-09-475-947A-332/c
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                                                                                                                                                                                                        OPERATING SYSTEM: Windows 95
SOTTWARE: FASESEQ for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/09/038,637
FILING DATE: 10-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/579,233
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/152,313
PILING DATE: 12-NOV-1993
APTONEMY/ACENTY 112-NOV-1993
APTONEMY/ACENTY 112-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Folymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                        TELEFAX: 619/678-5099
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 30
                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 072
TELECOMMUNICATION INFORMATION:
            SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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TITLE OF INVENTION: DETECTION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: C
                                                                    TELEPHONE: 619/678-5099
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     STRANDEDNESS:
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single
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Pred. No. 1.
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                                                                                                          US-08-863-639A-43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AREENT NO. 5981101.
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
TITLE OT SECULENCES: 95
                                                         Sequence 43, Application US/08863639A Patent No. 5981185
GENERAL INFORMATION:
                                                                                                                                                                                                                                            Query Match 0.4%;
Best Local Similarity 95.2%;
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Best Local Similarity 91.3%;
Matches 21; Conservative
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                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (626) 795-6321
NFORMATION FOR SEQ ID NO:
              APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: Other nucleic acid
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Matson, Robert S. Coassin, Peter J. Rampal, Jang B. Caskey, C. T.
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Pred. No. 1e+(
0; Mismatches
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Pred. No. 8
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US-08-863-639A-46/c
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                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                               CITY:
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US-08-863-639A-43
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                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                           MOLECULE TYPE: Other nucleic acid
                                                                                                                                                     LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: May 2 CLASSIFICATION: 43
                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: Windows .. CORTWARE: Corel WordPerfect 8 version
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CITY: Pasadena
                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER:
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Similarity 95.2%;
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                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IBM compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Diskette,
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                                                                                                                                                                                                                                                          795-6321
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                                                                           Score 19.4;
Pred. No. 8
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                                                              Mismatches
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                                                                                            DB 1;
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                                                                                            Length 21;
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Sequence 46, Application US/08863639A Patent No. 5981185 GENERAL INFORMATION:
APPLICANT: Matson, R
APPLICANT: Coassin, APPLICANT: ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20, COMPUTER READABLE FORM: MEDIUM TYPE: Diskett COMPUTER: IBM compat CURRENT APPLICATION DATA: CORRESPONDENCE ADDRESS: NUMBER OF SEQUENCES: APPLICATION NUMBER: US/08 FILING DATE: May 28, 1997 CLASSIFICATION: 435 OPERATING SYSTEM: Windows 95 SOFTWARE: Corel WordPerfect 8 version ZIP: 91101 ADDRESSEE: Pasadena : CA INVENTION: 225 South Lake Avenue, USA Rampal, IBM compatibl Sheldon & Mak Diskette, , Robert S. n, Peter J. Jang C. T.
OLIGONUCLEOTIDE REPEAT ARRAYS 95 US/08/863,639A ₩. 3.50 inch, 1.44 Mb 9th Floor

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US-08-863-639A-78
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                                                                                                                  JS-08-863-639A-78
                                                                      Query Match
Best Local
                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. MUSETH
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 795-4000
TELEPHAN: (626) 795-6321
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches 20;
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (626) 795-63:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4.
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel Wordberfect 8 version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
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                                                                                                                                TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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ADDRESSEE: Sheldon & Mak
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION
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                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                         FILING DATE: Market CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Pasadena
                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
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                4415 TAATAATAATATTAATAATAA 4435
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                                                                       Similarity
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TAATAATAATAATAATAA 21
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                                                                                                                                Other nucleic acid
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N: 435
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                                                                    95:28;
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                                                                      Score 19.4;
Pred. No. 87;
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Pred. No. 87;
                                                        Mismatches
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Patent No. 5981185
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION UNMBER: US/08/863
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
TELECHONE: (626) 796-4000
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
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SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                             APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
                                                                                                                                                                                                                                  APPLICANT: Matson, Robert S. APPLICANT: Coassin, Peter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
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APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                          STATE:
                                                                                       CITY: Pasadena
                                                                                                           ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
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225 South Lake Avenue, 9th Floor
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Caskey, C. T.
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81:
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 3.50 inch, 1.44 Mb storage
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RESULT 40
US-09-232-785-395/c
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; ORGANISM: Pinus taeda L.
US-09-232-785-394
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SEQ ID NO 394
LENGTH: 21
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REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 795-4000
TELEPAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
Sequence 395, Application US/09232785
Patent NO. 6733965
GENERRAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Beht, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE D
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Patent No. 6733965
GENERAL INFORMATION:
                                                                                                                                                                                                                                                               Query Match 0.4%;
Best Local Similarity 95.2%;
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
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TITLE OF INVENTION: MICROSA
TITLE OF INVENTION: THEREOF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
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SYSTEM: Windows 95
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N: 435
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MICROSATELITE DNA MARKERS AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MICROSATELITE DNA MARKERS AND USES
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95.2%;
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Pred. No. 87;
                                                                                                                                                                                                                                                               Score 19.4;
Pred. No. 8
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; SOFTWARE: FastSEQ for W
; SEQ ID NO 395
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L
US-09-232-785-395
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                                                 ; ANTI-SENSE:
US-08-339-214-60
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local Similarity 95.2%;
                                                                                                                                                                                                          TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                            FILING DATE: 10-NOV-1994
CLASSIFICATION: 435
ATTORNEY AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 1110
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
FILE REFERENCE: 448
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                                                                                     STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "sense prir
DESCRIPTION: DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                  HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Takahashi, Tomoniro
APPLICANT: Nakamura, No. 6348334io
TITLE OF INVENTION: A Fas Ligand, A FI
TITLE OF INVENTION: Encoding the Same
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                                                                                                                                                                                                                              TELEPHONE: 703-L.
TELEPHONE: 703-205-8050
TO ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 22040-0747
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                                                                                                                                                                                                ENGTH:
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Falls Church
                                                                                                                                                               nucleic acid
DEDNESS: single
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                                                                                                                                                                                                24 base pairs
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                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Birch, Stewart, Kolasch & Birch
O. Box 747
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 Score 19.2;
Pred. No. 1
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Pred. No. 87;
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Version #1.30
 2; DB 1;
1.3e+02;
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               Length 24;
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US-08-946-138-1/c
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                                                                                             Sequence 1, Application US/08946138
Patent No. 6013445
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          tent No.
                       APPLICANT: Glenn Albrecht, Sydney Brenner, David H. Lloyd
TITLE OF INVENTION: Massively Parallel Signature Sequencis
TITLE OF INVENTION: Ligation of Encoded Adaptors
NUMBER OF SEQUENCES: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Hansburg, Daniel
REGISTRATION NUMBER: 36156
REFERENCE/DOCKET NUMBER: 79
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-504-4444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatil
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Kimeragen, Inc.
STREET: 300 Pheasant Run
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 215-504-4545
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                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
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6410226
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Holloman, William I
Rice, Michael C.
Smith, Sheryl T.
                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                    linear
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                                                                                                                                                                                                                                                                                                                      Score 19.2; DB 1;
Pred. No. 1.4e+02;
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                                                                                                                                                                                                                                                                                                        Mismatches
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US-09-225-652-1/c
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                                                                                                                                                                                                                                                    Patent No. 6175002.

NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSSE: Dehlinger & Associates
STREET: P.O. Box 60850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-946-138-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/09225652 Patent No. 6175002
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Best Local Similarity
Matches 20; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 08/689,587
APPLICATION NUMBER: 08/689,587
FILING DATE: 12-AUG-96
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/659,453
FILING DATE: 06-JUN-96
ATTORNEY_AGENT INFORMATION:
NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (510)670-930
INFORMATION FOR SEQ ID NO:
                                                                                             COUNTRI.

ZIP: 94306
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 28 nucleotides
CLASSIFICATION: PRIOR APPLICATION NUMBER:
                                                                                             COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1/DOS 5.0
SOFTWARE: Microsoft word for Windows, vers. 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Robert B. DuBridge, Glen Albrecht, S
APPLICANT: Sergei M. Gryaznov, Sarah N. McCurdy
TITLE OF INVENTION: Adaptor-Based Sequence Anal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1/DOS 5.0
SOFTWARE: Microsoft word for Windows, vers. 2.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5 inch diskette
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                                                                                                                                                                                                                                                STREET: F.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Step
STREET: 3832 B
CITY: Hayward
                                                        APPLICATION NUMBER: US/09/225,652 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/946,138 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE:
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    Stephen C. Macevicz, Lynx Therapeutics, Inc
3832 Bay Center Place

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (510) 670-9302
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 18.8; DB 1;
Pred. No. 2.1e+02;
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ATTORNEY/AGENT INFORMATION:

FILING DATE:

15-APR-1997

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12694
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Query Match
Best Local Similarity
                                                                                                                Patent No. 6686
SEQ ID NO 12694
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 12694, Application US/09866108A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                      SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                            Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Vincent M. Powers
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 55.
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00667
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EDNESS: double
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RANK, David R.
CHEN, Wensheng
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HANZEL, David K.
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0.4%;
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Pred. No. 2.1e+02;
Score 18.6; DB 1;
Pred. No. 1.9e+02;
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                  Length
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RESULT 46
PCT-US91-03680-156/c
; Sequence 156, Application PC/TUS9103680
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                      RESULT 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PCT-US91-03680-156
                                                                                                                              Sequence 1, Application US/08004552
Patent No. 5482836
GENERAL INFORMATION:
APPLICANT: Cantor, Charles R.
APPLICANT: Ito, Takashi
APPLICANT: Smith, Cassandra L.
                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US
PILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUTABHISE, KALE H.
REGISTRATION NUMBER: 29,95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 29,959
TELECOMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEPRONE: 416-507-7250
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MEDLIM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0
                                  NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Karen S. Smith
                                                                                          APPLICANT: Ito, Takashi
APPLICANT: Smith, Cassandra L.
TITLE OF INVENTION: DNA DURIFICATION BY TRIPLEX-AFFINITY
TITLE OF INVENTION: CAPTURE AND AFFINITY CAPTURE ELECTROPHORESIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Krawczyk,
TITLE OF INVENTION: 0
TITLE OF INVENTION: 0
TITLE OF INVENTION: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Matteucci, Mark D. APPLICANT: Krawczyk, Steven
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TELEFAX: 706141
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STATE: California
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San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PCT/US91/03680
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Pred. No. 1.9e+02;
0; Mismatches 4
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                    Suite 3400
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Best Local &
       COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 M
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION UMMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REGISTRATION NUMBER: 20,532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEPAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/004,552
                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Smith, Karen S.
REGISTRATION NUMBER: 31,426
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                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
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MEDIUM TYPE: Floppy disk
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OTHER INFORMATION:
OTHER INFORMATION:
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CLASSIFICATION:
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nucleic acid
DEDNESS: single
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biotinylated at 5'-end."
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Pred. No. 1.3e
0; Mismatches
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INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
One pairs
TENGTH: 20 base pairs
                                                    Query Match
Best Local Similarity
Matches 19; Conserv
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Best Local Similarity
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MEDIUM TYPE: Diskette, 3.50 inch, 1.44 |
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel Wordberfect 8 version
CURRENT APPLICATION DATA:
APPLICATION UNMERR: US/08/863,639A
PILING DATE: May 28, 1997
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INFORMATION FOR SEQ ID NO:
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                                                                                                                           TOPOLOGY: li
                                                                                                                                                                                                                                          REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Matson, Robert S. APPLICANT: Coassin, Peter J.
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225 South Lake Av
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                                                                                                                                                                                                              (626) 795-6321
NO: 93:
                                                       Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                3.50 inch, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Avenue, 9th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0
                                                                                                                                                                                                                                                                          11859-1
                                                       Score 18.4; DB 1;
Pred. No. 1.3e+02;
0; Mismatches 1;
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Pred. No. 1.
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                                                                                 Length 20;
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                                                     Gaps
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Patent No. 5482836
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                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Cantor, Charles R.
APPLICANT: Ito, Takashi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Facto
TITLE OF INVENTION: Facto
OF INVENTION: of US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: Windows Version 2.0b SOFTWARE: FastSEQ for Windows Version 2.0b CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                        NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                           APPLICANT: Smith, Cassandra L.
TITLE OF INVENTION: DNA PURIFICATION BY TRIPLEX-AFFINITY
TITLE OF INVENTION: CAPTURE AND AFFINITY CAPTURE ELECTROPHORESIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
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                                                                                                                                                                                                                                                                                                                                                                                          0.3%;
Local Similarity 95.0%;
nes 19; Conservative
ADDRESSEE: Karen S. STREET: 4 Embarcade: CITY: San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/081,385
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                   4 Embarcadero Center, Suite 3400
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                                         Karen S. Smith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                single
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Pred. No. 1.3e+02;
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PRIOR APPLICATION NUMBER: US 09/091,146
PRIOR APPLICATION NUMBER: US 09/091,146
PRIOR APPLICATION NUMBER: US 09/091,146
PRIOR APPLICATION NUMBER: PCT/DK96/00513
PRIOR FILING DATE: 1996-12-05
PRIOR PILING DATE: 1996-12-05
PRIOR PILING DATE: 1995-12-05
NUMBER: OF SEQ ID NOS: 22
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
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                                                                                                      OTHER INFORMATION: oligonucleotide US-09-465-589A-7
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                                     Best Local
Matches 2
                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/465,589A
CURRENT FILING DATE: 1999-12-17
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: KOCH, Jorn E.
TITLE OF INVENTION: A CASCADE NUCLEIC ACID
FILE REFERENCE: 4305/1E293-US2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (415) 398-3249 INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Smith, Karen S.
REGISTRATION NUMBER: 31,426
REFERENCE/DOCKET NUMBER: A-57
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
                                                                                                                                  LENGTH: 28
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: CA 94111
COMPUTER READABLE FORM:
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LOCATION: 1..27
OTHER INFORMATION: /note= "BamTC oligonucleotide."
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STRANDEDNESS: single
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   271 TCTCTCTCTTTCTCTCTCTCTCTTGC 298
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                                                   Similarity
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                                     Conservative
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Pred. No. 2.4e+02;
0; Mismatches 1
                                                    Score 18.4;
Pred. No. 2
                                     Mismatches
                                                   .6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                  AMPLIFICATION REACTION
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                                                                    Length 28;
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                                     Gaps
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PRIOR APPLICATION NUMBER: US 09/091,146
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: PCT/DK96/00513
PRIOR FILING DATE: 1996-12-05
PRIOR APPLICATION NUMBER: DK 1379/95
PRIOR FILING DATE: 1995-12-05
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin version 3.1
SEQ ID NO 8
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 8, Application US/09465589A Patent No. 6610481 GENERAL INFORMATION:
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Best Local S
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ZIP: 1963-8969
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 720K diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: KOCH, Jorn E.
TITLE OF INVENTION: ASSCADE NUCLEIC ACID AMPLIFICATION REACTION
FILE REFERENCE: 4305/18293-US2
CURRENT APPLICATION NUMBER: US/09/465,589A
CURRENT FILING DATE: 1999-12-17
                                                                                           CLASSIPICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: GETTY J. ELMAN
REGISTRATION NUMBER: 24,404
REFERENCE/DOCKET NUMBER: M19-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-892-9580
                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 28
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TITLE OF INVENTION: Enriching
TITLE OF INVENTION: Maternal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Media
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Elman Wilf & Fried
STREET: 20 West Third Street, P.O. Box 703
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22; Conserv
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              25 base pairs
                                                                              610-892-9577
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ilarity 78.6%;
Conservative
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RESULT 56
US-08-775-609-3/c
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US-08-775-164-3/c
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Best Local Similarity
Matches 20; Conserv
                                                                                                                                    Matches
                                                                                                                                                  Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/77:
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Gerry J. Elman
REGISTRATION NUMBER: 24,404
REFERENCE/DOCKET NUMBER: M19-
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                  TELEFAX: 610-892-9577 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA (general HYPOTHETICAL: NO
                                                                                                                                                                                                                   HYPOTHETICAL:
ANTI-SENSE: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WOrdPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 720K diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Elman & Associates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Aprogenex, Inc.
TITLE OF INVENTION: Enriching and Identifying Fetal Cells
                                                                                                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                    TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                  ENGTH:
                                                                                                  3918 CCGACGCCGCGGCCGCCGCCGC 3940
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                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                 single
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87.0%;
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                                                                                                                                                  Score 18.2; DB 1;
Pred. No. 2.3e+02;
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Pred. No. 2.3e+02;
                                                                                                                                  Mismatches
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Sequence 3, Application US/08775609 Patent No. 5858649 GENERAL INFORMATION:

APPLICANT: Aprogenex, Inc.

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RESULT 57
US-08-775-607-3/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
ATTORNEY AGENT INFORMATION:
NAME: Gerry J. Elman
REGISTRATION NUMBER: 24,404
REFERENCE/DOCKET NUMBER: M19-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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NFORMATION FOR SEQ ID NO:
                                                                                                                                                         ZIP: 19063-8969
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
ATTORNEY/AGENT INFORMATION:
NAME: GETTY J. Elman
REGISTRATION NUMBER: 24,404
REFERENCE/DOCKET NUMBER: M1
                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WordPerfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Elman & A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
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SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5 inc
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                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
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STREET: 2.
STREET: 2.
Media
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CITY: Media
                                                       FILING DATE:
CLASSIFICATION: 435
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                                                                                           APPLICATION NUMBER:
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87.0%;
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 M19-103
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Pred. No. 2
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                                                                         ; ORGANISM: Homo sapiens US-09-866-108A-12692
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                            Query Match
Best Local
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TYPE: DNA
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US-09-866-108A-12692
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence I
Patent No. 6686188
SEQ ID NO 12692
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Best Local Similarity 87.0%;
                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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APPLICANT: JI, Yongga
                                                                                                 PRIOR APPLICATION NUMBER: PCT/US01/00663 PRIOR FILING DATE: 2001-01-30
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ANTI-SENSE:
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MOLECULE TYPE: DN
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STRANDEDNESS: single
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                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                             FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
                                                                                                                                     APPLICATION NUMBER: PCT/US01/00668 FILING DATE: 2001-01-30
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EL, David K.
                                      Sequence Listing Engine
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                                                                               data removed -
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Pred. No. 2.3e+02;
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h 0.3%; Score 18.2; I Similarity 87.0%; Pred. No. 2.3 20; Conservative 0; Mismatches

3e+02

Indels

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Gaps

DB 1; Length 25;

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RESULT 60
PCT-US93-06828-3/c
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; ORGANISM: Homo sapiens
US-09-866-108A-12693
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SEQ ID NO 12693
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atent No. 6686188
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DN
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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APPLICANT: JI, Yongga
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                     APPLICANT: Asgari, Morteza
APPLICANT: Bresser, Joel
APPLICANT: Cubbage, Michael L
APPLICANT: Prashad, Nagindra
TITLE OF INVENTION: Enriching and Identifying Fetal Cells In Maternal Blood
TITLE OF INVENTION: In Situ Hybridization
              TITLE OF INVENTION: TITLE OF INVENTION:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                       Local
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N, Sharron
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Pred. No. 2.3e+02;
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                                                                                                                                                                                                                                                                                      Indels
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Best Local Similarity
Thehes 20; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
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INFORMATION FOR SEQ ID NO:
                                                                          PRIOR
PRIOR
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HYPOTHETICAL:
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LENGTH: 25 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC
FILING DATE: 19930719
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 Flo
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CITY:
STATE:
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OPERATING SYSTEM:
SOFTWARE: WordPer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
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              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                 PENN,
                                                                                                                                                                                                                                                                                                                   RANK, David R. CHEN, Wensheng
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N, Sharron
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APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PRICATION NUMBER: GB 24263.6
PRIOR PRICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                            PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
                                                                                                                             FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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5. 6686188
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INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
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NUMBER: PCT/US01/00665
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Pred. No. 2
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; ORGANISM: Homo sapiens
US-09-866-108A-4276
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SEQ ID NO 4276
                                                  Query Match
                                                                                                                                                                        Patent No. 668
SEQ ID NO 4277
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Best Local Similarity
                                                                                      -09-866-108A-4277
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 4000-05-26
PRIOR FILING DATE: 4000-05-26
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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                                                                                                       LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
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0.3%;
Local Similarity 90.5%;
les 19; Conservation
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00669
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FILING DATE: 2001-01-30
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HANZEL, David K.
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                             Score 17.8; DB 1;
Pred. No. 2.8e+02;
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Pred. No. 2.
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                                                  DB 1;
                                                Length 25;
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US-09-866-108A-4278
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; Patent No. 6686188
; SEQ ID NO 4278
; LENGTH: 25
                                                                                                                                                            Sequence 4279, Application US/09866108A Patent No. 6686188
                                                                                                                                             GENERAL INFORMATI
                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local S
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PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
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NUMBER OF SEQ ID NOS: 15755
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APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
                                                                                                                      APPLICANT: GU, Yizhong
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                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
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APPLICATION NUMBER: PCT/US01/00668
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': SHANNON, Mark
INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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PENN, Sharron
HANZEL, David
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                                RANK, David R.
CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                               Conservative
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Pred. No. 2
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SEQ ID NO 4279
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Patent No. 6686188
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Best Local
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                                                                                                                                                                                                                                                                                                                                          APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                    PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/236,359
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PRIOR FILING DATE: 2000-05-26
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                                                                              FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
                                                                                                                    APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                     FILING DATE:
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                                        APPLICATION NUMBER: PCT/US01/00669
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HANZEL, David K.
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PCT/US01/00665
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Pred. No. 2.8e
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RESULT 66
US-08-742-877-4/c
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SEQ ID NO 4280
LENGTH: 25
TYPE: DNA
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Best Local Similarity
                                                  Matches
                                                                              Query Match
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                              TELEFAX: (202) 371-254
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIF: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                            FILING DATE: 03-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: FLESHNER, RAZ E.
                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: CLARK, Anthony J.
TITLE OF INVENTION: DNA SEQUENCES
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                            NAME: FLESHNER, RAZ E.
REGISTRATION NUMBER: 34,331
REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
                                                                                                                                 MOLECULE TYPE: CDNA
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                                                                 Local Similarity
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                                                                                                                                                                              TYPE: nucleic acid
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STREET: 1100 NEW Y
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2830 GGGAGCTGGTGGTGAAGTTTTGGTG 2853
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Conservative
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                                                               Score 17.6; DB 1;
Pred. No. 2.8e+02;
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Pred. No. 2
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US-08-590-563-11
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Best Local Similarity
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                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 31-OCT-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/282,001
FILING DATE: 29-JUL-1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
ON NUMBER: US 08/468,812
                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                MOLECULE TYPE:
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PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                  NAME/KEY:
                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: both
                                                                                                                                                                                                                                                                                                                                                                   NAME: Bugaisky, Lawrence B.
REGISTRATION NUMBER: 35,086
REFERENCE/DOCKET NUMBER: 1050.0340003
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OPERATING SYSTEM: PC-DOS/MS-DOS
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GGTCGCGACAAGCGCGACACCACC 25
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Paloheimo, Marju
Suominen, Pirkko
Lahtinen, Tarja
Lahtinen, Tarja
Lahtinen, Tarja
Lahtinen, Tarja
Lahtinen, Tarja
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Fagerstr m, Richard
Lantto, Raija
                                                                Conservative
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                                                                                Score 17.6; DB 1; Pred. No. 3e+02;
                                                                Mismatches
                                                                                              Length 25;
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NAME/KEY:
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US-09-770-621-11
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                                                                    Query Match
Best Local Similarity
Matches 20; Conserv
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ZIP: 2005
ZIP: 2005
COMPUTER REALABLE FORM:
COMPUTER: ELADABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PC-DOS/MS-DOS
COMPUTER: PC-DOS/MS-DOS
COMPUTER: PC-DOS/MS-DOS
COMPUTER: PC-DOS/MS-DOS
COMPUTER: PC-DOS/MS-DOS
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CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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APPLICATION NUMBER: US 08/332,412
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APPLICANT: Suominen, Pirkko
APPLICANT: Lahtinen, Tarja
TITLE OF INVENTION: Production and Secretion of Proteins of
NUMBER OF SEQUENCES: 39
                                                                                                                                                                                                                 TOPOLOGY: bo
                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1100 New CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Bugaisky, Lawrence B
REGISTRATION NUMBER: 35,080
REFERENCE/DOCKET NUMBER: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 2: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION:
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                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                TELEPHONE:
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                                                                                                                                                                                                                                                                                          ENGTH:
                        3981 GGCCGCGACTACCGCGACAACACC 4004
                                                                                                                                                                                                                                                                       nucleic acid
GGTCGCGACAAGCGCGACACCACC 25
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                                                                                                                                                                                                                                                                                        25 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C. 1100 New York Ave., N.W. Suite 600
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Fagerstr m, Richard
Lantto, Raija
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                                                                        Conservative
                                                                                                                                                                                                                                      both
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                                                                                     0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                          1050.0340003
                                                                    Score 17.6; DB Pred. No. 3e+02; O; Mismatches
                                                                                                      Length 25;
                                                                        Indels
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RESULT 69 US-09-235-832-11 ; Sequence 11, A

Application US/09235832

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RESULT 70
US-09-866-108A-12695
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GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Youggan
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Best Local Similarity 83.3%;
Matches 20; Conservative
                                                      Sequence 12695, Application US/09866108A Patent No. 6686188
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GENERAL INFORMATION:
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APPLICATION UNIMBER: US/08/590,563
APPLICATION UNIMBER: US/08/468,812
APPLICATION NUMBER: US 08/468,812
APPLICATION NUMBER: US 08/468,812
APPLICATION NUMBER: US 08/332,412
APPLICATION NUMBER: US 08/332,412
APPLICATION NUMBER: US 08/332,412
APPLICATION DATA:
APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
29-JUL-1994
APPLICATION NUMBER: US 08/282,001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 29-JUL-1994
ATTORNBY/AGENT INFORMATION:
NAME: BUGAISKY, Lawrence B.
REGISTRATION NUMBER: 35,086
REFERENCE/DOCKET NUMBER: 1050.0340003
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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APPLICANT: Suominen, Pirkko
APPLICANT: Lahtinen, Tarja
TITLE OF INVENTION: Production
NUMBER OF SEQUENCES: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: cDNA
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                                                                                                                                                                                                                                                                                                                                                         NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: both
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
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1100 New York Ave.,
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Fageretr m, Richard
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                                                                                                                                                                                                                                        Score 17.6; DB 1; Length 25; Pred. No. 3e+02; Indels
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US-08-273-146-3
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR PPLICATION NUMBER: GB 60/236,359
PRIOR PPLICATION NUMBER: DCT/US01/00666
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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Best Local S
Matches 20
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SEQ ID NO 12695
LENGTH: 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence
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TITLE OF INVENTION: MYSSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
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PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                      APPLICANT: Titmas, Richard C.
APPLICANT: Williams, Richard O.
TITLE OF INVENTION: The Isolation and Production of
TITLE OF INVENTION: Catalytic Antibodies using Phage Technology
NUMBER OF SEQUENCES: 71
                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: IGEN, Inc
COMPUTER READABLE FORM:
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Local Similarity 83.3%;
les 20; Conservative (
                    COUNTRY: U
                                                                            CITY: Rockville
                                                                                                STREET:
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APPLICATION NUMBER: PCT/US01/00663
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                                                                                                                                                                                                                                    Kenten, John H.
Martin, Mark T.
Titmas, Richard C.
                                       USA
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Darsley, Michael J.
                                                                                                                                                                                                                                                                                                  Fitzgerald, Kevin
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                                                                                                East Jefferson
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David
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Pred. No. 3e+02;
0; Mismatches 4;
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APPLICANT: Chenchik, Alex
                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 301-230-0158
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                tent No.
                                                                                                                                                                                                                                                                                  MEDIUM TYPE: DIBNOCTED BY COMPUTER: IBM Compatible COMPUTER: IBM Compatible OPERATING SYSTEM: Windows95 OPERATING SYSTEM: Windows Version 2.0 CURRENT APPLICATION DATA:

CURRENT APPLICATION US/08/859,998
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 090
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Jokhadze, George
APPLICANT: Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
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REFERENCE/DOCKET NUMBER: 09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-984-8000
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ATTORNEY/AGENT INFORMATION:
NAME: Ryan, John W.
                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/273,146
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: US
ZIP: 94025
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2200 Sand Hill Road, Suite 100
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                                                                      415-854-0875
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Best Local Similarity
                                                                                                                                                                                                                          FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                               NFORMATION FOR SEQ ID NO:
                                                                                                                                                           NAME: Warrburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/0
FILING DATE: July 12, 1996
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                                                                              TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                              LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Com
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE:
OTHER INFORMATION: The letter "N" stands for any base.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1671 CTGCAGCAGATGAAGAACAAGCAC 1694
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: California
RY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Skokut, Thomas A. Young, Scott A. Folkerts, Otto Merlo, Donald J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/08679645
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Zwick, Michael G.
Edington, Brent E
McSwiggen, James J
                                                                                                                                                                                                                                                                                                                                                                                                                                        IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Thomas A.
                                                                                                                                                                                                                                                                                                                                                                                                                         IBM P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPOSITION AND METHODS FOR MODULATION OF GENE EXPRESSION IN PLANTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1263
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                                                                                                                                                                                                                                                                                                                                                                         US/08/679,645
                                                                                                                                                                                                            32,327
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                                                                                                                                                                                               219/247
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Pred. No. 3
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RESULT 75
US-09-225-201B-1235
; Sequence 1235, Application US/09225201B
; Patent No. 6489455
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                                                                                                                                                                                                        Matches
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Patent No. 6352829
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
Jokhadze, George
Bibilashvilli, Robert
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Best Local :
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Best Local Similarity 83.3%;
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INFORMATION FOR SEQ ID NO: 1235:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/0
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: oligonucleotide primer SEQUENCE DESCRIPTION: SEQ ID NO: 1235:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                               1671 СТССАССАСАТСААСААСААССАС 1694
                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 1375
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL EXPRESSION
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                                                                                                                           CTGAAGCAGATGCAGGACAAGTAC 27
                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 27 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 415-322-5070
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                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                      Score 17.6; DB 1; Length 27; Pred. No. 3.5e+02; O; Mismatches 4; Indels
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Pred. No. 3.5e+02;
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                GENERAL INFORMATION:
APPLICANT: WATANABE, MANABU
APPLICANT: WATANABE, MANABU
APPLICANT: MORIYA, TATSUKI
APPLICANT: MORIYA, TATSUKI
APPLICANT: SUMIDA, NAOMI
APPLICANT: MURAKAMI, TAKESHI
TITLE OF INVENTION: REGULATORY SEQUENCE OF CELLULASE cbh
TITLE OF INVENTION: IN TRICHODERMA VIRIDE AND SYSTEM FOR
TITLE OF INVENTION: PROTEINS OR PEPTIDES THEREWITH
FILE REFERENCE: 99-0266*/LC(WMC)/00114
CURRENT FILING DATE: 199-05-07
NUMBER OF SEQ ID NOS: 52
TOTMARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                 RESULT 76
US-09-254-733-38/c
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                                                                                                                                                                                                                                                                                                         Sequence 38, Application US/09254733 Patent No. 6277596
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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    SEQ ID NO 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
Chenchik, Alex
George
Bibilashvilli, Robert
Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 1235:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/225,201B

FILING DATE: 05-Jan-1999

CLASSIFICATION SUNKNOWN>

PRIOR APPLICATION NUMBER: US/08/859,998

APPLICATION NUMBER: US/08/859,998

FILING DATE: 21-MAY-1997

ATTORNEY/AGENT INFORMATION:

NAME: Field, Bret E.

REGISTRATION NUMBER: 37,620

REFERENCE/DOCKET NUMBER: 09096/002001

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%;
Local Similarity 83.3%;
es 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, STREET: 2200 Sand Hill Road,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1671 CTGCAGCAGATGAAGAACAAGCAC 1694
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compartible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: CA
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Pred. No. 3.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
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Best Local Similarity
Thes 18; Conserve
                                                                                                                             ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4281
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                                                                                                                                                                          Patent No. 6686
SEQ ID NO 4281
LENGTH: 25
                                                                               Query Match
Best Local
                                                               Matches
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PRIOR
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                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US01/00663 PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: GU, Yizhong APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
TYPE: DN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC OTHER INFORMATION: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/236,359
FILIAT DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00667 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: GB 24263.6 FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00668
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                                                                                Similarity
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                             AAGAAGGAAAACATGGGGC 789
AAGAAGGAAAAGATGGGGC 20
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                                                          0.3%;
nilarity 94.7%;
Conservative
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                                                          Score 17.4; DB 1;
Pred. No. 3.4e+02;
0; Mismatches 1
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Pred. No. 2.8e+02;
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                                                                                              DB 1;
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RESULT 78

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RESULT 79
US-08-727-003A-32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Patent No. 6686
; SEQ ID NO 4282
; LENGTH: 25
                                                                                                                                                                                                                                       Sequence 32, Patent No. 5
                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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PRIOR APPLICATION NU
PRIOR FILING DATE: 2
PRIOR APPLICATION NU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Gruene
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25 PRIOR APPLICATION NUMBER: US 60/207,456
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: GU, Yizhong APPLICANT: JI, Yonggang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
                                                                  TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
                               NUMBER OF SEQUENCES: 5
                                                                                                                                                                                   APPLICANT:
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OR FILING DATE: 2000-10-04
OR APPLICATION NUMBER: US 60/236,359
OR APPLICATION NUMBER: US 60/236,359
OR APPLICATION NUMBER: PCT/US01/00666
OR APPLICATION NUMBER: PCT/US01/00667
OR APPLICATION NUMBER: PCT/US01/00667
OR APPLICATION NUMBER: PCT/US01/00667
OR APPLICATION NUMBER: PCT/US01/00667
OR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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385 Sherman Avenue
                                                                                                                                                                                   Gruenert,
Dohrman,
                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                 PETERS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         David R
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                                                                    A METHOD AND ASSAY FOR
DETECTIONOF THE EXPRESSION
OF ALLELE-SPECIFIC MUTATIONS
BY ALLELE-SPECIFIC IN SITU
REVERSE TRANSCRIPTASE
POLYMERASE CHAIN REACTION
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                 VERNY, JONES
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Pred. No. 3.4e
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               BIK A,
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                 L.L.P
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COMPUTER READABLE FORM: MEDIUM TYPE: Diskett

Diskette - 3.5 inch, 1.44 Kb storage

94306-1840

United States

of America

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; OTHER INFORMATION: trans-spliced product containing Human chorionic; OTHER INFORMATION: gonadotropin gene 6 sequences and Corynebacterium; OTHER INFORMATION: diphtheriae diphtheria toxin A sequences US-09-158-863C-53
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US-09-158-863C-53/c
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Query Match
Best Local Similarity
                                                                                                                                                                           SEQ ID NO 53
LENGTH: 24
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: METHODS AND COME COLLECTIONS SPLICEOSOME MEDIATED RNA PTILE REFERENCE: 31304-5-A
                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/PRIOR FILING DATE: 1995-12-07
                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1998-CPRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/158,863C CURRENT FILING DATE: 1998-09-23
                                                                                                                                                                                                                            PRIOR FILING DATE: 1
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                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 30,518
REFERENCE/DOCKET NUMBER: 480
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,254
FILING DATE: October 10, 1995
ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION DATA:
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                  FILING DATE:
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5. 6280978
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Pred. No. 3
Score 17.2; DB 1;
Pred. No. 3.4e+02;
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                Length 24;
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US-09-866-108A-12691
; Sequence 12691, Application
; Patent No. 668618
; Patent INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
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; OTHER INFORMATION: Fragment obtained from cleavage of sequence in Fig. US-10-043-511-9
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                                                                                                         RESULT 83
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LENGTH: 25
TYPE: DNA
                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.1 SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Variagenics, Inc
TITLE OF INVENTION: Base-Modified Nucleotides and Cleavage of Polynucleotides Incorpo
TITLE OF INVENTION: Them
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sequence 9, Application US/10043511
Patent No. 6610492
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Best Local Similarity 86.4
Matches 19; Conservative
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Patent No. 6468796
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRESSI
FILE REFERENCE: RTS-0230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/844,525A
CURRENT FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 90
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NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 270/101
CURRENT APPLICATION NUMBER: US/10/043,511
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OTHER INFORMATION: PCR Primer
                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                      ENGTH: 25
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                                                                    Application US/09866108A
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86.4%; Pred. No. 3.7e+02
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; ORGANISM: Homo sapiens
US-09-866-108A-12691
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                                                                                                                                                                                                                                                                                                                                            Patent No.
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SEQ ID NO 12691
                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                  TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                             STREET: P.O. BOX
                                                                                                               STATE: Virginia COUNTRY: United States ZIP: 22313-1404
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wes 19; Conserv
                                                                                                                                                                                                     ADDRESSEE:
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APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1663 GCCAGCTCCTGCAGCAGATGAA 1684
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5874215
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                                                                                                                                                                                 E: BURNS, DOANE, SWECKER & MATHIS
P.O. Box 1404
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                                                                                                                                                                                                                                                                       VOS, Pieter
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Pred. No. 3
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APPLICANT: KUIPER,
APPLICANT: ZABEAU,
APPLICANT: VOS, Pi
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                                                                                                 TELEFAX: (703) 836-2021 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                   REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: McGowan, Malcolm K.
REGISTRATION NUMBER: 39,3
                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: MCGOWAIN, MAICOIM K.O
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 010
TELECOMMUNICATION INFORMATION:
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MOLECULE TYPE:
-195-991-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: VOS, Pieter
TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS
NUMBER OF SEQUENCES: 47
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                                               STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
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                                 TOPOLOGY:
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                                                                                 ENGTH:
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Similarity 85.0%; Pred. No. 3
                                                              nucleic acid
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                                                                                 23 base pairs
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P.O. Box 1404
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ZABEAU,
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              DNA (genomic)
                                              single
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                                                                                                                      RESULT 87
                                                                                                                                                                                                                                                                                                     ; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12594
                                                                                                 US-09-866-108A-12595
                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Aeomica
Patent No. 6686188
SEQ ID NO 12594
LENGTH: 25
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Sequence 12595, Application US/09866108A PATENT NO. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
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Best Local (
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Best Local
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
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"ITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
"ILE REFERENCE: AEOMICA-7"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00668
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Pred. No. 3.5e
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Pred. No.
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                                                         FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
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US-09-866-108A-12595
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SEQ ID NO 12595
LENGTH: 25
TYPE: DNA
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MAIK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRES
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
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PRIOR APPLICATION NUMBER: US 60/236,359
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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SOFTWARE: Acomic
Patent No. 668618
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TOWGTH: 25
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                                                            Patent No. 6686188
SEQ ID NO 12697
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Patent No. 6bbu___
Patent INFORMATION:
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Best Local Similarity 80.0%;
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ORGANISM: Homo sapiens
-09-866-108A-12696
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
                                                                                              SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                        Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 15755
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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DRGANISM: Homo sapiens
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
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CHEN, Wensheng
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Pred. No. 4.1e+02;
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US-09-866-108A-12698
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US-09-866-108A-12698
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; Patent No. 6686188
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NUMBER OF SEQ ID NOS: 15755
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PRIOR TILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSI
FILE REFERENCE: ABOMICA-7
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
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                                                                                                                                                                        TYPE: DNA
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
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                              1667 GCTCCTGCAGCAGATGAAGAACAAG 1691
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1 GCTTCAGCAGCAGCTGAAGCAAAAG
                                                                 Similarity 80.0
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N, Sharron
ZEL, David
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RESULT 91 US-09-967-655-6/c

Sequence 6, Application US/09967655 Patent No. 6734017

GENERAL INFORMATION: APPLICANT: C. Frank APPLICANT: Andrew

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LENGTH: 25

TYPE: "***ING DATE: 2001-09-28

LENGTH: 25

TYPE: "****
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 155, Application PC/TUS9103680
GENERAL INFORMATION:
APPLICANT: Matteucci, Mark D.
APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: SEQUENCE-SPECIFI
TITLE OF INVENTION: CROSSLINKING AGE
TITLE OF INVENTION: DUPLEX DNA
                                                                      Matches
                                                                                                      Query Match
                                                                                                                                                          TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local (
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TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0227
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: MUTABHIGE, Kate H.
REGISTRATION UNMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-2951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: PCR Probe
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
                                                                                       Local
                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 19
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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                                   269 CCTCTCTCTCTTCTCTCTCTCT 293
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                                                                                       Similarity
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CTTCTCTTCCTTTTCTCTCCCTCT 1
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                                                                                                                                                                                                                                                   155:
                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                         4610-0011.40
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                                                                                     Score 17; DB 1;
Pred. No. 4.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 17; DB 1;
Pred. No. 4.1e+02;
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                                                                                                      Length 25;
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                                                                   Gaps
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RESULT 93
PCT-US91-03680-157/c
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SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 157, Applica GENERAL INFORMATION:
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA RELEASE #1.0, Version #1.25
SOFTWARE: PATENTIA RELEASE #1.0, Version #1.25
CURRENT APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUTABHISE, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 158, Application PC/TUS9103680 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 20; Conserv
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster .
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
TITLE OF INVENTION: DUPLEX DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Matteucci, Mark E
APPLICANT: Krawczyk, Steven
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ADDRESSEE: Morrison
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                                                                                                                                                                    ZIP: 94025
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TELEFAX: 415-327-2951
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              269 CCTCTCTCTCTCTCTCTCTCT 293
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE-SPECIFIC NONPHOTOACTIVATED
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mark D.
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Pred. No. 4.1e+02;
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RESULT 96
US-08-649-950-72
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SEQ ID NO 68
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: NUCLEIC ACID
TYPE: NUCLEIC ACID
                                                                                                                             Sequence
                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                             Query Match
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Best Local Similarity 80.0%;
Matches 20; Conservative
                                                                                                                                                                                                                                                                                         Best Local Similarity Matches 18; Conserv
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                                                                                                             Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -09-733-294A-68/c
                                                                       GENERAL INFORMATION:
APPLICANT: Shipman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-05-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Susan M. Freier
APPLICANT: Edward V. Wancewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT
FILE REFERENCE: ISPH-0527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Brett P.
APPLICANT: William
APPLICANT: Susan M
                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
APPLICANT: Leushner, James
APPLICANT: Dunn, James M.
TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING
TITLE OF INVENTION: MUTATIONS IN THE BRCA1 GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEPAX: 415-327-2951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: si
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 199109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                      830 GGACACAGGCGACGACCCTG 849
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                                                                                                             72, Application US/08649950
5. 6403303
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                                                                                                                                                                                                                                                                                           Conservative
                                                                       Shipman, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PatentIn Release #1.0, Version
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                                                                                                                                                                                                                                                                                                        Score 16.8; DB 1;
Pred. No. 2.9e+02;
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Pred. No. 4.1e+02;
0; Mismatches 5
                                                                                                                                                                                                                                                                                           Mismatches
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RESULT 97
US-09-422-978-10216
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                                                                                                                                                                                                                                                                  Sequence 10216, Application US/09422978 Patent No. 6537751
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-12-04-21
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FRAGMENT TYPE: i
ORIGINAL SOURCE:
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OTHER INFORMATION:
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NAME: Larson. Marina T
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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MEDIUM TYPE: Diskette -
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CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
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OPERATING SYSTEM:
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TOPOLOGY: li
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REGISTRATION NUMBER: 3:
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92 Commerce Street Suite
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Pred. No. 3
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 43
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-09-306-998-43
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                                                                                                                                                                                                                                                                      Sequence 10, Application US/09086663A
Patent No. 6518063
GENERAL INFORMATION:
APPLICANT: BUCY, PATRICIA
APPLICANT: KARSENTY, GERARD
TITLE OF INVENTION: OSF2/CBFA1 COMPOSITIONS AND
FILE REFERENCE: UTSC:525
                                                                                     SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 10
LENGTH: 23
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Best Local :
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                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/086,663A CURRENT FILING DATE: 1998-05-29 PRIOR APPLICATION NUMBER: 60/080,189 PRIOR FILING DATE: 1998-03-24 PRIOR APPLICATION NUMBER: 60/048,430 PRIOR FILING DATE: 1997-05-29 PRIOR FILING DATE: 1997-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: MMSC2
CURRENT APPLICATION NUMBER: US/09/306,998
CURRENT FILING DATE: 1999-05-07
EARLIER APPLICATION NUMBER: US 60/084,740
EARLIER FILING DATE: 1998-05-08
NUMBER OF SEQ ID NOS: 72
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APPLICANT: Tavtigian, Sean V.
TITLE OF INVENTION: MMSC2- An MMAC1 Interacting
                                                                                                                                              NUMBER OF SEQ ID NOS: 83
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LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-10567 for
OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Primer
                                    ORGANISM: Artificial Sequence FEATURE:
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Local Similarity 90.0%;
hes 18; Conservation
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nes 18; Conservative
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Pred. No. 3.5e
0; Mismatches
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Pred. No. 3.2e+02;
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LENGTH: 25
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Best Local Similarity
Matches 18; Conserv
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TITLE OF INVENTION: RECOMBINANT DIRIGENT PROTEINS AND METHODS OF USE
FILE REFERENCE: WSUR-1-13793
CURRENT APPLICATION UNDER: US/09/475,316A
CURRENT FILING DATE: 1999-12-30
PRIOR APPLICATION UNMBER: 09/307,653
PRIOR PILING DATE: 1999-05-07
PRIOR PILING DATE: 1999-05-07
PRIOR PILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/054,380
PRIOR APPLICATION NUMBER: 60/054,380
PRIOR PILING DATE: 1997-07-31
PRIOR APPLICATION NUMBER: 60/054,380
PRIOR PILING DATE: 1997-07-31
PRIOR PILING DATE: 1996-11-08
                                                                                                                                                            APPLICANT:
APPLICANT: Ford, Joshua D
TITLE OF INVENTION: RECOMBINANT PINORESINOL/LARICIRESINOL REDUCTASE,
TITLE OF INVENTION: RECOMBINANT DIRIGENT PROTEIN AND METHODS OF USE
FILE REFERENCE: WSUR-1-16492
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LOCATION: (1)..(25)
OTHER INFORMATION: PCR primer CS1-895N
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Ford, Joshua D
                                                                                   Dinkova-Kostova, Albena T.
Fujita, Masayuki
Gang, David R.
                                                                                                                                           Lewis, No. 6635459man G. Davin, Laurence B.
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Davin, Laurence B.
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                                                                       Sarkanen, Simo
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Pred. No. 3
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Pred. No. 4
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Best Local Similarity
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SEQ ID NO 79
                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/866,108A
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PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/054,380
PRIOR FILING DATE: 1997-07-31
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PRIOR FILING DATE: 1999-1
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1999-0
                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/236,359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: AEOMICA-7
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FITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (1)..(25)
OTHER INFORMATION: PCR primer CS1-895N
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ORGANISM: Artificial Sequence
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                                     APPLICATION NUMBER: PCT/US01/00663 FILING DATE: 2001-01-30
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FILING DATE: 1996-11-08
                                                                                               APPLICATION NUMBER: PCT/US01/00668
                                                                                                                   APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30
                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                                                                                               FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                                             APPLICATION NUMBER: PCT/US01/00669
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HANZEL, David K.
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Application data removed NOS: 15755
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Pred. No. 4.5e+02;
                See File Wrapper
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; ORGANISM: Homo sapiens
US-09-866-108A-4275
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US-09-866-108A-13093/c
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                                                                                                                              ; ORGANISM: Homo sapiens
US-09-866-108A-13093
                                                                                                                                                             Patent No. 66861
SEQ ID NO 13093
LENGTH: 25
TYPE: DNA
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Patent No. 6686188
SEQ ID NO 4275
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                                                                              Local
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
                              3870 CCCATCAAGCCTTCCAGATC 3889
                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30
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18; Conserv
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INVENTION: MYOSIN-LIKE GENE EXPRESSED
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RANK, David R.
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ilarity 90.0%;
Conservative
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Pred. No. 4
                                                                           Score 16.8; DB 1;
Pred. No. 4.5e+02;
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RESULT 105
US-09-866-108A-13095/c
; Sequence 13095, Application US/09866108A
; Patent No. 6686188
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggan
APPLICANT: PENN, Sharx
APPLICANT: HANZEL, David
APPLICANT: RANK, David
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SEQ ID NO 13094
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APPLICANT:
                                                                                                             CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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PRIOR FILING DATE: 2000-05-26
PRIOR ADDITION OF TAXABLE 
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICANT: JI, Yongga
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                                                                    NT FILING DATE: 2001-05-25
APPLICATION NUMBER: US 60/207,456
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HANZEL, David K.
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NUMBER: GB 24263.6
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Pred. No. 4.5e+02
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; ORGANISM: Homo sapiens
US-09-866-108A-13095
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Best Local Similarity
Matches 18; Conserv
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SEQ ID NO 13095
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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              ICR FILING DATE: 2001-01-30
ICR APPLICATION NUMBER: PCT/US01/00664
ICR FILING DATE: 2001-01-30
ICR APPLICATION NUMBER: PCT/US01/00669
ICR FILING DATE: 2001-01-30
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ICR FILING DATE: 2001-01-30
ICR APPLICATION NUMBER: PCT/US01/00668
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ICR APPLICATION NUMBER: PCT/US01/00663
ICR FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00663
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00666
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Pred. No. 4.5e+02;
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See File Wrapper or PALM
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Patent No. 6686188
SEQ ID NO 13096
LENGTH: 25
                                                                Query Match
Best Local Similarity
Matches 18; Conserv
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SEQ ID NO 13097
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                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
-09-866-108A-13097
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-09-866-108A-13096
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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                                                                                                                                                                                           LENGTH: 25
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ITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
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APPLICATION NUMBER: PCT/US01/00667
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                                 CCCATCAAGCCTTCCAGATC 3889
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                                                                     Conservative
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Pred. No. 4.5e+02;
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Pred. No. 4.5e+02;
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US-09-866-108A-13098/c
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Patent No. 6686188
SEQ ID NO 13098
LENCTH: 25
TYPE: DNA
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Best Local S
Matches 18
                                                                                                                                                                                           Sequence 25, Applicat Patent No. 5667967 GENERAL INFORMATION:
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CURRENT FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICANT: Bernard, Claude
TITLE OF INVENTION: T-CELL RECEPTOR VARIABLE TRANSCRIPTS AS DISEASE RELATED MARKE
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                                                                                                 NUMBER OF SEQUENCES:
   CITY:
STATE:
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LING DATE: 2000-09-27
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Washington
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                                       E: SEED and BERRY LLP
6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                           Steinman, Lawrence
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larity 90.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                         Score 16:8; D
Pred. No. 4.5e
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                           0
                                                                                                                                                                                                                                                                                                                                                                                                                             4.5e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            See
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 25;
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ZIP: 98104-7092 COMPUTER READABLE FORM:

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                                                                                                                CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/426,792
FILING DATE: 21-APR-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: PArker, David L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UMICO10---
REFERENCE/TOCKET NUMBER: UMICO10---
TELEPHONE: (512) 418-3000
TELEPHONE: (512) 418-3000
TELEPAY: (512) 418-3000
TELEPAY: (512) 474-7577
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 13, Application US/08426792
Patent No. 5733541
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity Matches 19; Conserv
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FILING DATE: 21-MAY-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5667967tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 690068.408C1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION: APPLICANT: Taichm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (206) 682-603 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
TOPOLOGY: 1i
MOLECULE TYPE:
8-426-792-13
                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Rel CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE:
COMPUTER: II
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4374 AGAAAGGAACTGCAGCGCCGATT 4396
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AGAAGGTAACTGCAGCGCAGACT 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Texas
                                                                                                 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: Arnold, Wh
P.O. Box 4433
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                   DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.3%; Score 16.6; DB 1;
82.6%; Pred. No. 4.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Hematopoietic Cells:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 24;
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                                                                                                                                              ; MOLECULE TYPE: other nucleic acid MOLECULE TYPE: other nucleic acid; DESCRIPTION: /desc = "Oligonucleotide."; HYPOTHETICAL: NO US-08-961-871-5
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US-08-961-871-5
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Best Local Similarity
Matches 19; Conserv
                                                                                         Query Match
Best Local Similarity
                                                                        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 60/
FILING DATE: 01-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: PERFOR NOTES M
                                                                                                                                                                                                                                                                                            TELEPHONE: (303) 499-8080
TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,871
FILING DATE: 31-OCT-1997
CINSTPERIOR TOWN.
                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 78
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Mouse Lacking Heart-Muscle Adenine
TITLE OF INVENTION: Nucleotide Translocator Protein and Methods
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Wallace, APPLICANT: Graham, F APPLICANT: MacGregon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Boulder
                                                                                                                                                                                                                                                           TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                                                                                                              ENGTH: 24 base pairs
                       3181 AGCAGTGGGAAGTCACTAGCAGG 3203
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                                                                          19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GAGCATGTGAATGCCATCCAGGA 23
AGGATTGGGAAGACAATAGCAGG 23
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MacGregor,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      E: Greenlee, Winner and Sullivan, P.C 5370 Manhattan Circle, Suite 201
                                                                        0.3%; Score 16.6; DB 1; llarity 82.6%; Pred. No. 4.6e+02; Conservative 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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Brett H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US 60/030,017
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                                                                                                                                                                                                                                                                                                                                                                                                               33,878
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Pred. No. 4.6e+02;
0; Mismatches 4
                                                                                                         Length 24;
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                                                                          Indels
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                                                                        Gaps
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US-09-165-042-28/c
; Sequence 28, Application US/09165042
; Patent No. 6100077
; GENERAL INFORMATION:

APPLICANT: Sturley, Stephen L.

RESULT 112

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; ORGANISM: human
US-09-165-042-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-974-549A-435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 28
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 435, Appl Patent No. 6166178
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COMPUTER: Lb.,

OPERATING SYSTEM: PC-U-,

OPERATING SYSTEM: PC-U-,

SOFTWARE: Patentin Release #1.u,

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/974,549A

APPLICATION NUMBER: US/08/974,549A
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CURRENT FILING DATE: 1998-10-01
NUMBER OF SEQ ID NOS: 32
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TITLE OF INVENTION: ISOLATION OF A GENE ENCODING DIACYLGLYCEROL
TITLE OF INVENTION: ACYLTRANSFERASE
FILE REFERENCE: 0575/56331
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIF: TRADABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
                                                                        FILING DATE: 09-MAY-PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
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                                                                                                                                   PRIOR APPLICATION DATA:
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CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity 82.0 nes 19; Conservative
                                                                                                                                                                                                                APPLICATION NUMBER: US 08/846,017 FILING DATE: 25-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 94111-3834
                                                       APPLICATION NUMBER:
                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                        FILING DATE:
                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3161 CACCAGCCACGACCCCATGAAGC 3183
                                                                                                                                                                                           APPLICATION DATA:
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Harley, Calvin B.
Andrews, William H.
VENTION: Human Teld
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Nakamura, Toru
Chapman, Karen B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Lingner, Joachim
Nakamura, Toru
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Cech, Thomas R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PatentIn Release #1.0, Version
                                                                                              09-MAY-1997
                                     14-AUG-1997
                                                                                                                                                        06-MAY-1997
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82.6%;
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                                                                                                                                                                             US 08/851,843
                                                                                                                   US 08/854,050
                                                       US 08/911,312
US 08/912,951
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Pred. No. 4.6e+02;
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Sequence 202, APE-
No. 6475789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Cech, Thomas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: '
                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REPERENCE/DOCKET NUMBER: 36,429
REPERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 01-OCT-
                            PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                  HAPPLICANT: Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT:
TITLE OF INVENTION: THERAPEUTIC METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 14-AUG-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local
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LOCATION: 1..25
OTHER INFORMATION:
                                                 APPLICATION NUMBER: FILING DATE: 14-AUC CLASSIFICATION: 439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Apple, Randolph REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 14-AUG-1997
                                                                                                                                                                                                                                                                        STREET:
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APPLICATION NUMBER: US 0 FILING DATE: 09-MAY-1997
                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                    ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
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                                                                                                                                                                                                       94111
                                                                                                                                                                                                                                    San Francisco
California
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Morin, Gregg B.
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Chapman, Karen B.
                                                                                                                                                                                                                     United States of America
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                                                                 14-AUG-1997
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                                                                                  US/08/912,951
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Pred. No. 4.9e+02
                                                                                                                    Version #1.30
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RESULT 115
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GENERAL INFORMATION:
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Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0200
INFORMATION FOR SEQ ID NO: 202:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: 15 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 435
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APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 435
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APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
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APPLICATION NUMBER:
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                     COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/09/402,181B
FILING DATE: 29-Sep-1997
CLASSIFICATION: CUnknown>
                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 633
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         PRIOR
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                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 94111-3834
                                                                                                                                                                                                                                                                                 CITY: San Francisco
STATE: California
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Chapman, Karen B.
Morin, Gregg B.
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82.6%; Pred. No. 4.9e+02;
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US-09-721-456-435
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 435, Application US/09721456
Patent No. 6617110
GENERAL INFORMATION:
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Best Local Similarity 82.6%;
Matches 19; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Ausenhus, Scott L.
REGISTRATION NUMBER: 42,271
REFERENCE/DOCKET NUMBER: 015389-002620US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ 1D NO: 435:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO 07/US97/17885
FILING DATE: 10-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-CCT-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-CCT-1997
ATTORNEY/AGENT INFORMATION:
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                    NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                            Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4044 CCACCAGGCCTCTAGGCAGGAC 4066
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cech, Thomas R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 25 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                      COUNTRY: USA
                                                                                                                                         CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: 1..25
OTHER INFORMATION:
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APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
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; SEQUENCE DESCRIPTION: SEQ ID NO: 435: US-09-721-456-435
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Best Local S
Matches 19
                                                                                                                                                                                                  Sequence 13559, Application US/09866108A Patent No. 6686188 GENERAL INFORMATION:
                              APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Mensheng
APPLICANT: CHEN, Mensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 435:
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mes 19; Conserv
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APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/09/866,108A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/721,456 FILING DATE: 22-No. 6617110-2000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/911,312 FILING DATE: 14-AUG-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/851,843 FILING DATE: 06-MAY-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 19-NOV-1997
APPLICATION NUMBER: US 08/724,643
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: WO PCT/US97/17618
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LING DATE: 14-AUG-1997
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Pred. No. 4.9e+02;
0; Mismatches 4
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                                                                                                                  PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
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LENGTH: 25
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Best Local Similarity
Matches 19; Conserv
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                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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PRIOR APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                                                            APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
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                                        APPLICATION NUMBER: PCT/US01/00665
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PENN, Sharron G.
HANZEL, David K.
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PCT/US01/00668
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                                   Query Match
Best Local S
Matches 19
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 13560
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SEQ ID NO 13561
LENGTH: 25
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Best Local Similarity
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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TYPE: DNA
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PRIOR APPLICATION NUMBER: PCT/US01/00663
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APPLICANT: JI, Yongga
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   1588 TGGTGGAAACAGAGAAGGAGAAG 1610
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                                                     Similarity
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                                     Conservative
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                                   Score 16.6; DB 1;
Pred. No. 4.9e+02;
0; Mismatches 4
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Pred. No. 4.9e+02
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                                                                  DB 1;
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US-08-700-530-3/c
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US-08-885-126-12
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US-08-885-126-12
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                                                                                                                                                                                                                            SEQ ID NO 3
LENGTH: 18
TYPE: DNA
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SEQ ID NO 12
LENGTH: 18
                                                                   Matches
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APPLICANT: Arnold,
                                                                                   Query Match
Best Local :
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                                                                                                                                                                                                                                                                          APPLICANT: EXINS, Roger P
TITLE OF INVENTION: Binding assay using binding agents with tail groups
FILE REFERENCE: 0380-P01180US0
CURRENT APPLICATION NUMBER: US/08/700,530
CURRENT FILING DATE: 1996-10-23
PRIOR APPLICATION NUMBER: PCT/GB95/00521
PRIOR FILING DATE: 1995-03-10
PRIOR APPLICATION NUMBER: GB 9404709.9
PRIOR PILING DATE: 1994-03-11
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.1
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/08/885,126A
CURRENT FILLING DATE: 1997-06-30
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER FILING DATE: 1994-11-21
EARLIER FILING DATE: 1994-11-16
EARLIER FILING DATE: 1993-11-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE TITLE OF INVENTION: OLICOMERS FILE REFERENCE.
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                             FEATURE:
                                                                                   Local Similarity
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                                                                     Conservative
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                                                                                   Score 16.4; DB 1;
Pred. No. 2.9e+02;
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Pred. No. 2
                                                                   Mismatches
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CURRENT APPLICATION NUMBER: US/08/700,530
CURRENT FILING DATE: 1996-10-23
PRIOR APPLICATION NUMBER: PCT/GB95/00521
PRIOR FILING DATE: 1995-03-10
PRIOR PELICATION NUMBER: GB 9404709.9
PRIOR PELING DATE: 1994-03-11
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 4
                                                   RESULT 124
US-08-223-355-23
                                                                                                                                                                                                                                                                         ; TYPE: DNA; ORGANISM: Pinus taeda L. US-09-232-785-396
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US-09-232-785-396
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Best Local Similarity
Matches 17; Conserv
Sequence 23, Application US/08223355
Patent No. 5854410
GENERAL INFORMATION:
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SOFTWARE: FastSEQ for
SEQ ID NO 396
LENGTH: 18
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Best Local Similarity
Matches 17; Conserv
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APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: EKINS, Roger P
TITLE OF INVENTION: Binding assay using binding
FILE REFERENCE: 0380-P01180US0
                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 18
                                                                                                                                                   4416 AATAATAATATTAATAAT 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               270 CTCTCTCTTTCTCTCT 287
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                                                                                                                            AATAATAATAATAAT 18
                                                                                                                                                                                                                                                                                                                                                                  FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                   Conservative
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94.4%;
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                                                                                                                                                                                                 0;
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                                                                                                                                                                                                                  Score 16.4; DB 1; Pred. No. 2.9e+02;
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Pred. No. 2.9e+02;
                                                                                                                                                                                                   Mismatches
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Sequence 10860, Application US/09422978

Patent NO. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Chumakov, Ilya

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

BARLIER APPLICATION NUMBER: US 09/298,850

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

MIMMER OF SCO. TO NOC. 11706
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US-09-422-978-10860/c
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Best Local Similarity
Matches 8; Conserv
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
APPLICANT: Daily, William J.
TITLE OF INVENTION: Oligonucleo
TITLE OF INVENTION: Therapies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Meier, Paul H.
REGISTRATION NUMBER: 32,274
REFERENCE, DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/00
FILING DATE: 31-MAR-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: R183
OTHER INFORMATION:
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TELEFAX: 213/955-0440
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Pred. No. 3.5e+02;
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US-08-472-255A-120
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US-08-472-255A-120
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; LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-21502 for SEQ 2995,
US-09-422-978-10860
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 120, Application US/08472255A Patent No. 5766853
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NFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                            CLASSIFICATION: 536
PRIOR APPLICATION DATA:
07/714,131
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: PARMA, DAVID APPLICANT: GOLD, LARRY
                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: NEX40-3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 10-JUNE-1991 PRIOR APPLICATION DATA:
                                                                              MOLECULE TYPE:
                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM pc compatible OPERATING SYSTEM: MS-DOS
                                                                                                                                                                                                                                                      NAME: Barry J. Swanson REGISTRATION NUMBER: 33,215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                           OTHER INFORMATION:
                                                                                                         STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
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               OTHER INFORMATION:
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)O E. Prentice Avenue, Suite 200
                                                                                                                                                                                                            (303) 793-3333
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                                                                                                           single
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               All U's are 2'-NH2 uracil
                                             All C's are 2'-NH2 cytosine
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Pred. No. 3.5e+02;
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; OTHER INFORMATION:
US-08-479-724A-120
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Best Local Similarity
Matches 13; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 120, Application US/08479724A Patent No. 5780228
                               Matches
                                             Query Match
Best Local
                                                                                                                                                                                                                                                              TELEFAX: (303) 793-34
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 07/714,
FILING DATE: 10-JUNE-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/536,
FILING DATE: 11-JUNE-1991
PRIOR APPLICATION NUMBER: 07/964,
APPLICATION NUMBER: 07/964,
FILING DATE: 21-OCTOBER-199
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
                                                                                                                                                                            STRANDEDNESS: 811;
                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                         NAME: Barry J. Swanson
REGISTRATION UNUBER: 33,215
REFERENCE/DOCKET NUMBER: NE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/479,724A
FILING DATE: 07-7UNE-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: GOLD, LARRY
TITLE OF INVENTION: HIGH AFFIN.
TITLE OF INVENTION: TO LECTINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: PARMA, DAVID APPLICANT: GOLD, LARRY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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                                                                                                                                      OTHER INFORMATION:
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 361 AACAGGAAGTCAGTCAGTTA 380
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: Colorado
                                             Similarity
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                                                                                                        All U's are 2'-NH2 uracil
                                                                                                                                      All C's are 2'-NH2 cytosine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          07/714,131
                                                                                                                                                                                                                                                                                                                                                                                                                                             07/536,428
                                                                                                                                                                                                                                                                                                                     33,215
HER: NEX40-1
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                              Score 16.4; D
Pred. No. 3.9e
5; Mismatches
                               5
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Pred. No. 3.9e
5; Mismatches
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.9e+02;
                                               .9e+02;
                                                            DB 1;
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                                                          Length 21;
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RESULT 129
US-08-952-793-120
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                                                                        Sequence 120, Application US/08952793 Patent No. 6280932
                                                                                                                                                                                                                                                                          Query Match
Best Local (
                                                   Patent No. 6280932
GENERAL INFORMATION:
                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (303) 793-3433 INFORMATION FOR SEQ ID NO: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM DC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: PARMA, DAVID
APPLICANT: GOLD, LARRY
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TITLE OF INVENTION: TO LECTINS
NUMBER OF SEQUENCES: 177
CORRESPONDENCE ADDRESS:
APPLICANT: PARMA, et al.
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TITLE OF INVENTION: TO LECTINS
                                                                                                                                                                                                                                                                                                                                                FEATURE:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 21-OCTOBER-1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/53
FILING DATE: 11-JUNE-1991
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
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APPLICATION NUMBER: (
FILING DATE: 10-JUNE:
                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Swanson & Bratschun, L.L.C. STREET: 8400 E. Prentice Avenue, Suite 200 CITY: Englewood STATE: Colorado
                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Barry J. Swanson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 21-OCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08 FILING DATE: 07-JUNE-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                            361 AACAGGAAGTCAGTCAGTTA 380
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                                                                                                                                                                                                                                                                            Similarity
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10-JUNE-1991
                                                                                                                                                                                                                                                                          0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                     All C's are 2'-NH2 cytosine
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Pred. No. 3
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US-09-849-928-120
                                                                                                   Patent No. 6544959
GENERAL INFORMATION:
APPLICANT: PARMA, et al.
                                                                                                                                                          Sequence 120,
                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local S
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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NAME: BATTY J. SWAIDON
REGISTRATION UNMER: 33,215
REFERENCE/DOCKST NUMBER: NEX4
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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APPLICATION NUMBER: PCT/US
FILING DATE: 05-JUNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/47
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ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 07-JUNE-1995 PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/472,256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM pc compa
OPERATING SYSTEM: MS-D
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: RNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/952,793
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
                                                                    TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS TO LECTINS
                                                                                                                                                                                                                                                                                 361 AACAGGAAGTCAGTTA 380
                                                                                                                                                                                                                                                                                                                      13;
                                                                                                                                                                                                                                                1 AACAUGAAGUAAGUCARUUA 20
                                                                                                                                                                                                                                                                                                                                       Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  H: 21 base pairs nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8011
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                                                                                                                                                          Application US/09849928
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (303) 793-3333
(303) 793-3433
                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WordPerfect 6.0
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SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Diskette, 3 1/2 diskette, 1.44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     07-JUNE-1995
                                                                                                                                                                                                                                                                                                                                   0.3%; Score 16.4; DB 1 65.0%; Pred. No. 3.9e+02
                                                                                                                                                                                                                                                                                                                                                                                                             All U's are 2'-NH2 uracil
                                                                                                                                                                                                                                                                                                                                                                                                                                              All C's are 2'-NH2 cytosine
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                                                                                                                                                                                                                                                                                                                                                       DB 1;
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PCT-US96-09455A-120
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                                                                                                                                                                                                                                                                                    Sequence 120, Application PC/TUS9609455A GENERAL INFORMATION:
APPLICANT: PARMA, et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 120
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                        APPLICANT: PARMA, et al.
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID
TITLE OF INVENTION: LIGANDS TO LECTINS
NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
                                                                                                        STREET: 8400
CITY: Englewood
TMATE: Colorado
                                                                                                  COUNTRY:
                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
OTHER INFORMATION: All U's are 2'-NH2 uracil
SEQUENCE DESCRIPTION: SEQ ID NO: 120:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/849,928
FILING DATE: 04-May-2001
CLASSIFICATION: <un
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classification DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       361 AACAGGAAGTCAGTCAGTTA 380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              13;
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FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM pc compatible OPERATING SYSTEM: MS-DOS SOFTWARE: WordPerfect 6.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/952,793 FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 80111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Barry J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Englewood
                                                                                                                                                                 E: Swanson & Bratschun, L.L.C. 8400 E. Prentice Avenue, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 16.4; DB 1
Pred. No. 3.9e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 21;
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US-09-268-505B-1
                            SOFTWARE: Microsoft v
SEQ ID NO 1
LENGTH: 24
TYPE: DNA
ORGANISM: Synthetic
FEATURE:
PEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                         RESULT 132
                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Luo, Jianh
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PCT-US96-09455A-120
                                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US/09268505B Patent No. 6316192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local S
                                                                                                                                                                                        FILE REFERENCE: 3-11-99 .
CURRENT APPLICATION NUMBER: US/09/268,505B
CURRENT FILING DATE: 199-03-11
                                                                                                                                                 PRIOR APPLICATION NUMBER: PRIOR FILING DATE: N/A NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (303) 793-343:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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OTHER INFORMATION:
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APPLICATION NUMBER: PC
FILING DATE: 05 JUNE 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 07-JUNE PRIOR APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (303)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Barry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: WordPerfect 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        361 AACAGGAAGTCAGTCAGTTA 380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13;
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                                                                                                                                   Microsoft word
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                                                                                                                      Jianhua
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                                                                                                                                                                                                                                                                     Method for Enrichment of Unique DNA Fragments through Cyclical Removal of PCR Adapter Attack
                                                                                                                                                                                                                                                   Fragments Whose Sequences Are
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             All C's are 2'-NH2 cytosine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             All U's are 2'-NH2 uracil
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Pred. No. 3.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 21;
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                                                                                                                                                                                                                                                                       Adapter Attached to DNA
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Query Match Best Local Similarity

0.3%;

Score 16.4; DB Pred. No. 5e+02;

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US-08-863-639A-52
; Sequence 52, Application US/08863639A
; Patent No. 5981185
                                                                                                                                                                                                                                                                                                                                                   ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4283
                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 4283
LENGTH: 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4283, Application US/09866108A Patent No. 6686188
                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No. 6686188
                                                            GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             -09-866-108A-4283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US01/00666
                                    APPLICANT:
     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                      Local Similarity
nes 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00667
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                                                                                                                                                                                                                                                                                                                                                                                                                                       6686188
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PENN, Sharron G.
HANZEL, David K.
                        INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CTCTCCAGCCTGGCTGAC
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                                       Rampal, Jang B.
Caskey, C. T.
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                    OLIGONUCLEOTIDE REPEAT ARRAYS
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Pred. No. 5.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 55,
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FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY_AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1188
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                  SOFTWARE: Corel WordPerieur o vicu
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
APPLICATION ** APP 78, 1997
                                                                                                                                                                                               COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Pagadena
                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Matson,
APPLICANT: Coassin,
                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                             OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                                   COMPUTER:
                                                                                                                                                                                                                                                                     STATE:
                                                                                                                                                                                                                                                                                      CITY:
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                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                                    225 South Lake
                                                                                                                                                                                                                                                                                                                                                         Caskey, C. T.
WVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                       Rampal, Jang
Caskey, C. T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                                                                                                                                                                                                                                                  Coassin,
                                                                                                                                                   Corel WordPerfect 8 version
                                                                                                                                                                              IBM compatible
                                                                                                                                                                                                                                                                                                                  Sheldon & Mak
                                                                                                                                                                                                 Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                    Robert S.
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Windows 95

3.50 inch, 1.44 Mb storage

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Avenue,

9th Floor

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TELEFAX: (626) 795-632
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAMB: JOSEPH E. MUETH
REGISTRATION NUMBER: 20,5
REFERENCE/DOCKET NUMBER:
                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nu
                                                                                                                                                                                                                                                                                                                                                       SOFTWAKE: CUTTON DATA:
CURRENT APPLICATION DATA:
US/08/863,639A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: May 20 CLASSIFICATION: 43
                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect
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                                          0.3%;
Similarity 85.7%;
                                                                                                                                                                      21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           225 South Lake Avenue,
                                                                                                                                                                                                                      (626) 796-4000
(626) 795-6321
                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                              IBM compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sheldon
                                                                                                           Other nucleic acid
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N: 435
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                                                                                                                                                                                                                                                                                   20,532
                                                                                                                                                                                                                                                                                                                                                                                                                                               3.50 inch, 1.44 Mb storage
                             0;
                                            Score 16.2;
Pred. No. 4
                                                                                                                                                                                                                                                                      1859-1
                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                  version
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                                              .3e+02
                                                              DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-55
                                                                                                                                                                                                                                       APPLICATION UNMBER: US/08/863,639A FILING DATE: May 28, 1997 CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Museth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEPAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 56:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.3%;
Best Local Similarity 85.7%;
Matches 18; Conservative
                                                                Matches
                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
                                                                                                                                                MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 22-
                                                                                 Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                               STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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                                                                                Similarity
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                                                                Conservative
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                                                                                                                                               Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Diskette, 3.50 inch, 1.44 Mb
                                                                                85.7%;
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Pred. No. 4.
                                                                                Score 16.2; DB 1;
Pred. No. 4.3e+02;
                                                                Mismatches
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                                                                                             Length 21;
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RESULT 137

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                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Mateon, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUC
                                                                                                                                                                                                                                                                                                                     Sequence 68,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
          STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5
COMPUTER: IBM compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (626) 795-63
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COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
                                                                                                                            NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueth
REGISTRATION NUMBER: 20,:
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: Other nucleic acid
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FILING DATE: May 28, 1997
CLASSIFICATION: 435
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                                                                                                                CITY: Pasadena
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
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OPERATING SYSTEM:
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(626) 795-6321
--- TD NO: 67:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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                                                                                                                                                                                                   OLIGONUCLEOTIDE REPEAT ARRAYS
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                             3.50 inch,
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Pred. No. 4.
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                             1.44 Mb storage
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Best Local Similarity 85.,
18; Conservative
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                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1188
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 68
                                                                                                                                                            TELEFAX: (626) 795-632
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08,
FILING DATE: May 28, 1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUC
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REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
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CORRESPONDENCE ADDRESS:
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   MOLECULE TYPE:
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OPERATING SYSTEM: WINDOWS
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TYPE: nucleic acid
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                                          TOPOLOGY:
                                                                STRANDEDNESS:
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                                                                                                                                       LENGTH:
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                                                                                                   H: 21 base pairs nucleic acid
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                                                                                                                                                                                                       (626) 795-6321
TO NO: 71:
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                                          linear
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Other nucleic acid
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85.7%;
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Pred. No. 4.3e-
0; Mismatches
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RESULT 141
US-09-283-011-30/c
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Best Local S
                         Sequence 30, Application US/09283011
Patent No. 6207401
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                       Query Match
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                                                                                                                                                                                                                                                                       Best Local Similarity
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TELEX: 421792
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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HYPOTHETICAL: Y
                                                                                                                                                                                                                                                                                                                                                   TOPULOUTE TYPE: UTIL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Brown, Kathryn M.
REGISTRATION NUMBER: 34,:
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (214, ... TELEPHONE: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/416,214A FILING DATE: 04-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
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Nucleic acid
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Inhibition Of Protein
Kinase Activity By Aptameric Action
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                                                                                                                                                                                                                                                                           Score 16.2; DB 1; Length 21; Pred. No. 4.3e+02;
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Pred. No. 4.3e+02
                                                                                                                                                                                                                                                              Mismatches
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ADDRESSEE: STREET: 63 STREET: Su

E: Lyon & Lyon 633 West Fifth Street

COUNTRY: U.S.A. ZIP: 90071-2066

Los Angeles

Suite 4700

California

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Sequence 431, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumahov, Ilya
APPLICANT: Chumahov, Ilya
FILE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
NUMBER: OF SEQ ID NOS: 11796
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NUMBER OF SEQ
SEQ ID NO 4331
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: January 22, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: No. 6207401ember 25,
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOTTWARE: Fast-SEO for Windows 2.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/283,011
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Pred. No. 4.3e+02;
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GENERAL INFORMATION:
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Best Local
                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                     FILING DATE: WOMBER: 08/755,728
FILING DATE: NO. 6716575ember 25, 1:
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 30,
                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: primer_bind
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Plowman,
APPLICANT: Mossie, K
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: upstream amplification primer 99-14651 for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo Sapiens
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PRIOR APPLICATION UDATA:
APPLICATION UDMBER: 09/005,268
FILING DATE: January 9, 1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SURIMAND.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/012,135A
APPLICATION TARBORY 22, 1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                                                                       TELEPHONE: (213) 489-160
TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2806 GAGAAAATGAAGAAGGAAGTG 2826
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                                                                                                     linear
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AND/OR AUR-2 RELATED DISORDERS
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85.7%; Pred. No. 4.3e+02;
htive 0; Mismatches 3;
0.3%; Score 16.2; DB 1; 85.7%; Pred. No. 4.3e+02; tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C. DOS 5.0
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                                           DB 1;
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US-09-377-285B-50/c
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; OTHER INFORMATION: oligonucleotide for PCR US-09-377-285B-50
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                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 24, Application US/08592126 Patent No. 5821091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local Similarity
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LENGTH: 21
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                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Gregory Dolganov
TITLE OF INVENTION: Transcri
TITLE OF INVENTION: Polypept
NUMBER OF SEQUENCES: 151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/138,426
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/138,493
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/138,494
PRIOR FILING DATE: 1999-06-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/097,334
PRIOR FILING DATE: 1998-08-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/377,285B CURRENT FILING DATE: 1999-08-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE APPLICANT: WORLEY, Paul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PPLICANT: BENEKEN, Jutta

PPLICANT: LANAHAN, Anthony

ITLE OF INVENTION: NUCLEIC ACID MOLECULE ENCODING HOMER 1b PROTEIN (AS AMENDED)

ILE REFERENCE: JHU1580-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PPLICANT:
                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
                                                                                                                                                                                                                          STREET: 350 Camb
CLASSIFICATION: 435
              APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3053 GGGGGAGATCAAGCTGCAGAC 3073
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                                                                                                                                                                                                                                               350 Cambridge Avenue, Suite 250
                                                                                                                                                                                          USA
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85.7%;
                                                                                                                                                                                                                                                                                                                          Transcripts Encoding Immunomodulatory Polypeptides
                                  US/08/592,126
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Pred. No. 4.3e+02;
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                                                                        Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 21;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Re, Richard N.
APPLICANT: Cook, Julia
TITLE OF INVENTION: INHIBITION OF
TITLE OF INVENTION: DIGONUCLEOTI
TITLE OF INVENTION: P53 PROTEIN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                             TELEX: 230 901 SANS UR INFORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS: LENGTH: 22 base pairs
                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: DIGIGIIO, Frank S.
REGISTRATION NUMBER: 31,3
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            KEGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 461
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
 MOLECULE TYPE:
                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
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ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                TELEPHONE: (516)
                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/291,011 FILING DATE: 15-AUG-1994 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 11530
                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Garden City
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
                               STRANDEDNESS:
                                                   TYPE:
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                     TOPOLOGY:
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Similarity 85.7%;
18; Conservative
                                                 nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            B: SCULLY, SCOTT, MURPHY & PRESSER 400 Garden City Plaza
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                                                                                                                                                      (516) 742-4343
                                                                                                                                                                                                                                                                                                                                                                           Floppy disk
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DNA (genomic)
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                               single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INHIBITION OF CELLULAR PROLIFERATION BY OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
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Pred. No. 4
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US-09-266-065-9/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 4600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
                                                           Sequence 9, Application US/09266065 Patent No. 6303328
                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                 Query Match
Best Local
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Best Local :
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            GENERAL INFORMATION:
APPLICANT: Re, Richard N.
APPLICANT: Cook, Julia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Gregor
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APPLICATION NUMBER: US 00
FILING DATE: 26-JAN-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 175
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
                                                                                                                                                                                                                                                                                                             ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                             ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
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TITLE OF INVENTION: Human RJ
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 350 came
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Sholtz, Charle REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/0 FILING DATE: 17-JUL-1996
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                                                                                                                                                                                                                                                                                               INDIVIDUAL ISOLATE:
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INHIBITION OF CELLULAR PROLIFERATION
                                                                                                                                                                                                                                 85.7%;
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ER: 4600-0111.30
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Pred. No. 4.
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Pred. No. 4.7e+02
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; OTHER INFORMATION: primer US-09-043-149-7
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                                                                                                                                                                                                                                                                                                                                                    Sequence 7, Application US/09043149
Patent No. 6355418
GENERAL INFORMATION:
APPLICANT: Schmidt, Gunter
                                                                                            SEQ ID NO 7
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                      TITLE OF INVENTION: Chimeric Oligonucleotides and Uses Thereof in the TITLE OF INVENTION: Identification of Antisense Binding Sites FILE REFERENCE: 020600-272 CURRENT APPLICATION NUMBER: US/09/043,149 CURRENT FILING DATE: 1998-03-13 PRIOR APPLICATION NUMBER: PCT/GB96/02275 PRIOR PILING DATE: 1996-03-13 PRIOR APPLICATION NUMBER: PCT/GB96/02275 PRIOR PILING DATE: 1996-09-13 PRIOR APPLICATION NUMBER: GB 9518864.5 PRIOR FILING DATE: 1995-09-14
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TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                     SOFTWARE: PatentIn version 3.1
                                                                                                                                                         NUMBER OF SEQ ID NOS: 54
                                                     ORGANISM: Artificial Sequence
                                                                             TYPE: DNA
                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: DiGiglio, Frank S.
REGISTRATION NUMBER: 31,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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CITY: Garden City
STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 15-AUG-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
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85.7%; Pred. No. 4.
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RESULT 151
US-09-935-247-9/c
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                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 4600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0860
TELEFAX: (415) 324-0960
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
Sequence 9, Application US/09935247
Patent No. 6645944
GENERAL INFORMATION:
APPLICANT: Re, Richard N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 24, Application US/09168595 Patent No. 6555666
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                                                                                                                                                                                                                                                                                                                                         LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                              HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Gregory Dolganov
TITLE OF INVENTION: Transcripts
TITLE OF INVENTION: Polypeptides
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/168,595 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
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                                                                                                                                                       263 CCCCCCCCTCTCTCTTTCT 283
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                                                                                                                                 1 CCACCTCCTCTCTCTCTTCT 21
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<sup>3ER:</sup> 4600-0111
                                                                                                                                                                                                0; Mismatches
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Pred. No. 4.7e+02;
                                                                                                                                                                                                               Score 16.2; DB 1
Pred. No. 4.7e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 9, Application US/08518862C Patent No. 5843757
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local (
                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Vogelstein, Bert
APPLICANT: Kinzler, Kenneth W.
APPLICANT: Kinzler, Kenneth W.
APPLICANT: Nicolaides, Nicholas C.
TITLE OF INVENTION: Human JTV1 Gene Overlaps PMS2 Gene
NUMBER OF SEQUENCES: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY
OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 230 901 SI INFORMATION FOR SEQ ID NO:
                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-POS
SOFTWARE: Patentin Release #1.0, Version #1.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/935,247
FILING DATE: 22-Aug-2001
CLASSIFICATION: <URKnown>
PRIOR APPLICATION UNMBER: 09/266,065
FILING DATE: <URKnown>
APPLICATION NUMBER: 09/266,065
FILING DATE: <URKnown>
APPLICATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8515ZY
TELECHONUS: (516) 742-4433
TELEPHONE: (516) 742-433
TELEPHONE: (516) 742-4366
                                                                                                                                                                     ADDRESSEE: Banner & Witcoff, Ltd. STREET: 1001 G Street, N.W. CITY: Washington, D.C. COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY,
  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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CITY: Garden City
STATE: New York
COUNTRY: """
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US/08/518,862C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/270,957
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 112
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 50
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 50, Application US/09270957
Patent No. 6641996
GENERAL INFORMATION:
APPLICANT: Richard A. Jefferson and Jorge E. Mayer
TITLE OF INVENTION: MICROBIAL -GLUCURONIDASE GENES, GENE
TITLE OF INVENTION: PRODUCTS, AND USES THEREOF
                                                                                                                                                      Sequence 28, Application US/08104072B Patent No. 5639948
                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local
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                                                                                                                                        GENERAL INFORMATION:
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TELEPAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 9:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: PCR primer
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HYPOTHETICAL: NO
ORIGINAL SOURCE:
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REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
                                            APPLICANT: Scheirlinck, Trees
APPLICANT: Komari, Tosihiko
TITLE OF INVENTION: Stamen-specific
                                                                                  APPLICANT: Michiels, Frank
APPLICANT: Morioka, Sinji
APPLICANT: Scheirlinck, Trees
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                                                                                                                                                                                                                                                                                                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Conservative
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Merchant & Gould
                   ADDRESS:
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Pred. No. 5.1e+02.
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                                                     Promoters
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                                                                            SEQ ID NO 15
LENGTH: 24
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GENERAL INFORMATION:
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Matches 18; Conserv
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                                                                                                                               CURRENT APPLICATION NUMBER: US/09/176,862B
CURRENT FILING DATE: 1998-10-22
EARLIER APPLICATION NUMBER: 60/062,718
EARLIER FILING DATE: 1997-10-22
NUMBER OF SEQ ID NOS: 33
                                                                                                                                                                                                                                                       APPLICANT: POWEY, Christopher
APPLICANT: Mayne, Michael B.
TITLE OF INVENTION: ANTISENSE OLIGODEOXYNUCLECTIDES REGULATING EXPRESSION
TITLE OF INVENTION: OF THE ALPHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                   SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                        FILE REFERENCE: 3045.00002
                                       ORGANISM: Artificial Sequence
                      FEATURE:
THER INFORMATION: Description of Artificial Sequence: synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Kowalchyk, Katherine M.
REGISTRATION NUMBER: 36,848
REFERENCE/DOCKET NUMBER: 8076
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 08-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kowalchyk, Katheri
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 10-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 9
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FILING DATE: 06-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 9:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 3100 No. 5639948west Center CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3863 CAAGAGGCCCATCAAGCCTTC 3883
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          24 base pairs
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SYSTEM: PC-DOS/MS-DOS
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85.7%; Pred. No. 5.5e+02;
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                                                                                                    ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-163-162-29
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                                                                                                                                                                                                                                                                                     Sequence 29, Application US/09163162
Patent No. 6077709
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Ackermann, Elizabeth J.
APPLICANT: Swayze, Eric E.
APPLICANT: Swayze, Eric M.
TITLE DEFERENCE DEFENCE. DEFENCE OF SURVIVIN EXPRESSION
                              Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/163,162
CURRENT FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 29
LENGTH: 18
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SEQ ID NO 15
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GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/439,429
CURRENT FILING DATE: 1999-11-15
PRIOR APPLICATION NUMBER: 60/062,718
PRIOR FILING DATE: 1997-10-22
PRIOR APPLICATION NUMBER: 09/176,862
PRIOR APPLICATION NUMBER: 09/176,862
PRIOR FILING DATE: 1998-10-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Power, Christopher APPLICANT: Mayne, Michael B. TITLE OF INVENTION: ANTISENSE OLIGODEOXYNUCLEOTIDES REGULATING EXPRESSION TITLE OF INVENTION: OF TIMF-ALPHA
                                                                                                                                                                                                                                                                            FILE REFERENCE: RTS-0008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence:synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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 281 TCTCTCTCTCTCTT 296
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                                 Conservative
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85.7%; Pred. No. 5.5e+02;
                                                  Score 16; DB 1; I
; Pred. No. 3.5e+02;
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Pred. No. 5
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                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-09-496-694B-38
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US-09-496-694B-38/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-286-407-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 29, Application US/09286407A
Patent No. 6165788
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Ackermann, Elizabeth J.
APPLICANT: Swayze, Eric E.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
FILE REFERENCE: ISPH-0349
CURRENT APPLICATION NUMBER: US/09/286,407A
CURRENT FILING DATE: 1999-04-05
NUMBER OF CEAL TO NOC. 10
                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
SEQ ID NO 38
LENGTH: 18
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SEQ ID NO 29
LENGTH: 18
TYPE: DNA
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Best Local Similarity 100.0%; P
                                                                       Matches
                                                                                       Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
PRIOR FILING DATE: 1998-09-29
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                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                  FEATURE:
                       281 TCTCTCTCTCTCTT 296
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17 TCTCTCTCTCTCTT 2
                                                                     16;
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                                                                     Conservative
                                                                                       100.0%;
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                                                                                       Score 16; DB 1; 1; Pred. No. 3.5e+02
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Pred. No.
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                                                                       Mismatches
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RESULT 160 US-09-496-694B-78/c

Sequence 78, Application US/09496694B

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RESULT 162
US-09-489-869-15
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US-09-496-694B-129/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-129
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-78
Sequence 15, Application Patent No. 6268151 GENERAL INFORMATION: APPLICANT: Susan Murray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowsert
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Best Local (
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LENGTH: 18
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Best Local Similarity
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LENGTH: 18
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CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
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PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF THE PRIOR FILING DATE: 1998-09-29
NUMBER OF T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lex M. COWSETT
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
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APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
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CURRENT FILING DATE: 2000-02-02
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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16; Conserv
                                                          Application US/09489869A
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100.0%; Pred. No. 3.5e+1
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US-08-585-888-44/c
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Query Match
Best Local Similarity 84.2
Matches 16; Conservative
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SEQ ID NO 15
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Jacqueline Myatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTS-0110
                                                                                                                                                                                                         TELEFAX: (703) 836-202
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: McGowan, Malcolm K.
REGISTRATION UNMBER: 39,300
REFERENCE/DOCKET NUMBER: 0108
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
FILING DATE: 16-JAN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 954
FILING DATE: 16-JAN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 22313-1404
COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: KUIPER, Martin T.R.
APPLICANT: ZABEAU, Marc
APPLICANT: VOS, Pieter
TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: P.O. Box
CITY: Alexandria
                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: Virginia COUNTRY: United States ZIP: 22313-1404
                                                                                                                                                                        LENGTH:
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P.O. Box 1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.3%; Score 16; ilarity 100.0%; Pred. No. Conservative 0; Mismatc
                                                                                                                      linear
                                                                                               DNA (genomic)
                                                                                                                                single
                        0.3%; Score.16; I
84.2%; Pred. No. 5.
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         Mismatches
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                                             DB 1;
                          .6e+02;
                                            Length 23;
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         Indels
         0
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       Gaps
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US-09-195-991-44/c
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US-08-538-875-20/c
                                                                                                                                                                                                 Sequence 20, Application US/08538875 Patent No. 5773582
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Patent No. 6218119
                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.3%;
Best Local Similarity 84.2%;
                              GENERAL INFORMATION:
APPLICANT: Shin, Hang-Cheol
APPLICANT: Shin, Nam-Kyu
APPLICANT: Lee, Inkyung
APPLICANT: Lee, Inkyung
TITLE OF INVENTION: TUMOR NECROSIS FACTOR MUTEINS
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE. Shin Maga-Cheol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (703) 836-20 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: McGowan, Malcolm K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 010830-097
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (703) 836-6620
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APPLICATION NUMBER:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: KUIPER, Martin T.R.
APPLICANT: ZABEAU, Marc
APPLICANT: VOS, Pieter
TITLE OF INVENTION: AMPLIFICAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single
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STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/195,991 FILING DATE:
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                      DDRESSEE:
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3: Shin, Hang-Cheol
Jukong Gocheung Apt. 1014-806, Haan-dong
                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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Pred. No. 5.
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RESULT 166
US-08-656-716-19
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Matches
Patent No. 5786146
GENERAL INFORMATION:
                                Sequence 19,
                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 120-160
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM PC/AT
OPERATING SYSTEM: MS-
SOFTWARE: WordPerfect
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/538,875
FILING DATE:
CLASSIFICATION: 435
CRISSIFICATION DATA:
APPLICATION NUMBER: US/08/193,336
FILING DATE: 9-FEB-193
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                MOLECULE TYPE: primer DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADUM:
STREET: **
STREET: **
                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
STREET: #1
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STATE: Kyungki-do
                                                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Lee, Inkyung
STREET: 11/2, #302-39 Juan-4-dong,
CITY: Incheon
                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: Republic of Korea ZIP: 120-160
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                                                                                                                                                                                                                                                                                                          LENGTH:
                                                                                                                              1676 GCAGATGAAGAACAAGCACTCAGA 1699
                                                                                                                                                                      19;
                                                                                                           24 GTAGATGAGGAACAGGCCCTCTGA 1
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                9, Application US/08656716
5786146
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Kang, Sungzong
#84-4 Daeshin-dong, Seodaemun-ku
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: Shin, Nam-Kyu
#181-404 Sadang-4-dong, Dongjak-ku
                                                                                                                                                                                                                                                                                                             24 bases
                                                                                                                                                                      Conservative
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                                                                                                                                                                                   0.3%; Score 16; DB 1; 79.2%; Pred. No. 6.1e+0
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                                                                                                                                                                                     6.1e+02;
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                                                                                                                                                                                                   Length 24;
                                                                                                                                                                        Indels
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                                                                                                                                                                        Gaps
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APPLICANT: Herman, Ja
APPLICANT: Baylin, St
TITLE OF INVENTION: N
NUMBER OF SEQUENCES:

Stephen B.
METHYLATION SPECIFIC DETECTION

James G.

0

CORRESPONDENCE ADDRESS:

52

ADDRESSEE:

3: Fish & Richardson P.C. 225 Franklin Street

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Best Local S
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                                                        ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 0726
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
ATTORIBY AGENT INFORMATION:
NAME: Haile, Lisa A..
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 0726
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO:
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                            ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: METHYLATION SPENUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: METHYLATION SPECIFIC DETECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPOSITION
CORRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 225 |
CITY: Boston
                                    TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
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19; Conserv
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                  200154
                                                                                                                                                                                                                                                                                                                                                                                                                               225 Franklin Street
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                                      617/542-8906
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                                                                                               07265/089001
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Pred. No. 6.1e+02
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RESULT 168
US-08-465-590-19
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                                                                                                                 ; MOLECULE TYPE: US-08-465-590-19
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Best Local Similarity 79.2%;
Matches 19; Conservative
                                              Matches
                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII (text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,590
FILLING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/238,212
FILLING DATE: 02-MAX-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/121,438
FILLING DATE: 14-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/946,233
PRIOR APPLICATION USBER-1993
PRIOR APPLICATION USBER-1997
PRILING DATE: 14-SEP-1992
PRICONNEY/COUNT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 19,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: MYSETS, PAUL L.
REGISTRATION NUMBER: 35,695
REFERENCE/DOCKET NUMBER: MPR
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                    LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                TELEPHONE:
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5824770
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GGTGTGTGGGTCCTGGGGGGTGCCT 481
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                             (617) 227-5941
                                                                                                                                                   linear
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                                                           0.3%;
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Pred. No. 6.
                                         Score 16; DB 1;
Pred. No. 6.1e+02;
0; Mismatches 5
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5;
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                                                                              Length 24;
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                                            Gaps
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; OTHER INFORMATION:
US-08-859-998-1024
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                                                                                                                                                                                                                                                     RESULT 170
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                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                 Sequence 29, Application US/08276968A Patent No. 6015701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1024, Application US/08859998 Patent No. 5994076
                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEI, Field, Bret L. 37,620
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096
TELECOMMUNICATION INFORMATION:
TOTROHONE: 415-322-5070
                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US
FILING DATE: 21-MAY-19
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 415-854-08/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE > 1375
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
ATTORNEY Field, Bret E.
37,620
                                                    APPLICANT: Shoreibah, Mohamed G.
APPLICANT: Adler, Beverly
APPLICANT: Fregien, Nevis L.
TITLE OF INVENTION: N-Acetylglucosaminyltransferase
TITLE OF INVENTION: Proteins and Sequences
NUMBER OF SEQUENCES: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                            APPLICANT: Pierce, James M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Fish & Richardson, P.C. STREET: 2200 Sand Hill Road, Suite 100 CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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3: Greenlee and Winner, P.C. 5370 Manhattan Circle, Suite 201
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                                                                                                                                                                                                                                                                                                                                                                                               0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                               Score 16; DB 1;
Pred. No. 6.1e+02;
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US-08-276-968A-29
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENTIN Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/835,728D
PILING DATE: April 11, 1997
CLASSIFICATION: 435
PRIOR APPLICATION: 435
                                                                                                                                                                                                                                                                                                    Sequence 19, Application US/08835728D Patent No. 6017704
GENERAL INFORMATION:
APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: Methylation Sp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 19; Conserv
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TELEX: 49617824
INFORMATION FOR SEQ ID NO:
                                                                                                                           COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: oth HYPOTHETICAL: NO
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APPLICATION NUMBER: US 08
FILING DATE: 10-FEB-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/276,968J
FILING DATE: 19-UU-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/905,795
FILING DATE: 29-UN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 33,878
REFERENCE/DOCKET NUMBER: 34
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Polonia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (303)-499-8089
                                                                                                                                                                                                                                     STREET:
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                                                                                                                                                                                                        STATE:
                                                                                                                                                                                                                                     ADDRESSEE: Fish & Richardson P.C. STREET: 4225 Executive Square, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
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                                                                                                                                                                                                    La Jolla
: CA
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10-FEB-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                other nucleic acid
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                                                                                                                                                                                                                                                                                                    Stephen B.
Methylation Specific Detection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US/08/276,968A
                                                     US/08/835,728D
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Pred. No.
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                                                                                     Version #1.30
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Gaps

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; TOPOLOGY: 1; MOLECULE TYPE: US-08-835-728D-123
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: DNA
US-08-835-728D-19
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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Best Local :
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TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                             TELEFAX: 619/678-5099 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: Methylation Specific Detection
NUMBER OF SEQUENCES: 216
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           KEGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/125001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                        NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07
TELECONMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/8
FILING DATE: April 11, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/6
FILING DATE: June 03, 19
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
                                                                                                    LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / Match 0.3%;
Local Similarity 79.2%;
nes 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: La Jolla STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
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                                                                                   linear
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0.3%;
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 Score 16;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                          Version #1.30
DB 1;
6.1e+02;
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                  Length 24;
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US-09-123-951-43/c
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US-09-123-951-19
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                                                           Sequence 43, Application US/09123951
PATENT NO. 6200756
GENERAL INFORMATION:
APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: METHYLATION SPECIFIC DETECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 19, Application US/09123951
Patent No. 6200756
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/123,951
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                            NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: METHYLATION SPECIFIC DETECTION
                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Ri
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Boston
STATE: MA
COUNTRY: USA
                                                                                                                                                                                                                                                                                           Local Similarity
mes 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07
                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
TOPOLOGY: 1i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 617/542-8906
TELEX: 200154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE
               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH:
                                                                                                                                                                                                                                                            1525 ACAGCCACAAGAAAATCCTGCAGC 1548
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                                                                                                                                                                                                                                                                                                                                                                                                                                         24 base pairs
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225 Franklin Street
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                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                           linear
Fish & Richardson P.C
5 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                         single
                                                                                                                                                                                                                                                                                                          0.3%;
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                                                                                                                                                                                                                                                                                                            Score 16;
Pred. No.
                                                                                                                                                                                                                                                                                            Mismatches
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                                                                                                                                                                                                                                                                                         . 6.1e+02;
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                                                                                                                                                                                                                                                                                                                         Length 24;
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RESULT 175
US-08-711-417C-19
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GENERAL INFORMATION:
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Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEPAX: 617/542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Haile, Lisa A. REGISTRATION NUMBER: 38. REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/123,951 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                FILING DATE: 05-Sep-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/238,212
FILING DATE: 02-MAY-1994
APPLICATION NUMBER: 08/121,438
FILING DATE: 14-SEP-1993
                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSEQ for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/711,417C
                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1525 ACAGCCACAAGAAAATCCTGCAGC 1548
                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         24
APPLICATION NUMBER: 07/946,233 FILING DATE: 14-SEP-1992 NEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                      STATE: MA
                                                                                                                                                                                                                                                                                                                                                     CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                        STREET: 225 Franklin Street
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Pred. No. 6.1e+02;
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; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-08-711-417C-19
                                                                    US-09-490-558-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Patent No. 6265171
; GENERAL INFORMATION:
APPLICANT: Herman, in
APPLICANT: Baylin, s
TITLE OF INVENTION:
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                                                                                                                                      TELEPAX: 619/0/2 1
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
1.FNGTH: 24 base pairs
Query Match 0.3
Best Local Similarity 79.3
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 19,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 19; Conserv
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INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 4...
STREET: 4...
CITY: La Jolla
TTATE: CA
TTSA
                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: CORRESPONDENCE ADDRESS
                                                                                                                    STRANDEDNESS:
                                                                                                                                    TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U
ZIP: 92037
                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                        TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: 10287/007001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           458 GGTGTGTGGGTCCTGGGGGTGCCT 481
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
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                                                                                                                  single
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                   0.3%;
79.2%;
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Methylation Specific Detection
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 Score 16; DB 1; Le
Pred. No. 6.1e+02;
0; Mismatches 5;
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Pred. No.
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6.1e+02;
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                                 Length 24;
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RESULT 178
US-09-225-928-1024/c
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; MOLECULE TYPE:
US-09-490-558-123
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US-09-490-558-123/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                             Sequence 1024, Application US/09225928 Patent No. 6352829 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 19; Conserv
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Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Herman, James G.
APPLICANT: Baylin, Stephen B.
TITLE OF INVENTION: Methylation Specific Detection
NUMBER OF SEQUENCES: 216
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
ADDRESSEE: Fish & Richardson P.C.
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APPLICATION NUMBER:
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STATE: CA
COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Fish & KICHALUSCH. ... Suite 1400 STREET: 4225 Executive Square, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
    NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish &
STREET: 2200 Sand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1525 ACAGCCACAAGAAAATCCTGCAGC 1548
                                                                                                Bibilashvilli, Robert TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                        APPLICANT: Chenchik, Alex
                                                                                                                                                                                                                                                                                                                                                      1525 ACAGCCACAAGAAAATCCTGCAGC 1548
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). 6265171
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E: DNA
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Bibilashvilli, R
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Fish & Richardson, P.C.
00 Sand Hill Road, Suite 100
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                                                                            EXPRESSION
                                                              1375
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Pred. No.
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APPLICATION NUMBER: 08/859,998

FILING DATE: 21-MAY-1997

ATTORNEY/AGENT INFORMATION:

NAME: Field, Bret E.

REGISTRATION NUMBER: 37,620

REFERENCE/DOCKET NUMBER: 09096/002001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-322-5070

TELEPAX: 415-854-0875

INFORMATION FOR SEQ ID NO: 1024:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1024, Application US/09225201B Patent No. 6489455
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                  ZIP: 94025

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows95

SOFTWARE: FASESEQ for Windows Version 2.

CURRENT APPLICATION NUMBER: US/09/225,201B

FILING DATE: 05-Jan-199

CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: oligonucleotide primer SEQUENCE DESCRIPTION: SEQ ID NO: 1024:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOPTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
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  PRIOR APPLICATION DATA: US/08/859,998
                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Chenchik, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1189 CCCTCCCATCCCTGGAGTCTCTGC 1212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           24 CCCACCGÁGCCGTGGÁGTATCTGC 1
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                                                                                                                                                                                                                                   CITY: Menlo Park
STATE: CA
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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Bibilashvilli, Robert
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Pred. No. 6.1e+02;
0; Mismatches 5;
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Length 24; Indels

0

Gaps

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US-09-723-909-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No. 6630141
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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                    TELEX: 200154
INFORMATION FOR SEQ ID NO: 19:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  y Match 0.3%;
Local Similarity 79.2%;
hes 19; Conservative
                                                                                                                                                                                           APPLICATION NUMBER: 07/946,233 FILING DATE: 14-SEP-1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/723,909 FILING DATE: 28-NO. 6630141-2000 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Georgopoulos, Katia A.
TITLE OF INVENTION: IKAROS: A T CELL PATHWAY REGULATORY GENE
NUMBER OF SEQUENCES: 202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: oligonucleotide primer SEQUENCE DESCRIPTION: SEQ ID NO: 1024:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION: TELEPHONE: 415-322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 21-MAY-19
ATTORNEY/AGENT INFORMATION:
                                                                                   REFERENCE/DOCKET NUMBER: 10287/007001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1189 CCCTCCCATCCCTGGAGTCTCTGC 1212
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FRACECY for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Field, Bret E. REGISTRATION NUMBER: 37,620
                                                                                                                                              NAME: Myers, Louis P. REGISTRATION NUMBER: 35,965
                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/121,438 FILING DATE: 14-SEP-1993
                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/711,417
FILING DATE: 05-Sep-1996
APPLICATION NUMBER: 08/238,212
FILING DATE: 02-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: MA
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                                                            TELEFAX: 617/542-8906
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Pred. No. 6.1e+02;
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SEQ ID NO 40 LENGTH: 19 TYPE: DNA

SOFTWARE:

PatentIn

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                                                                                                                                GENERAL INFORMATION:

APPLICANT: JOHNSON, Marion D.

APPLICANT: FRESCO, Jacques R.

APPLICANT: FRESCO, TRIPLEX IN-SITU HYBRIDIZATION
                                                                                                                                                                                                Sequence 40, Application US/09531000 Patent No. 6461810
                                                                                                                                                                                                                                                                                                                                                               Matches
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PRIOR APPLICATION NUMBER: PCT/US98/2
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
                                                                            FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 14-SEP-1992
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PRIOR APPLICATION NUMBER: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: IK
NUMBER OF SEQUENCES: 1
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC
OPERATING SYSTEM:
SOFTWARE: ASCII
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
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TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
                                                                                                                                                                                                                                                                                                                               458 GGTGTGTGGGTCCTGGGGGTGCCT 481
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       458 GGTGTGTGGGTCCTGGGGGTGCCT 481
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Similarity 79.2%;
19; Conservative
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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                                                                 PCT/US98/23765
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Pred. No.
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Pred. No.
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SEQ ID NO 5847
LENGTH: 19
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Best Local Similarity
Matches 17; Conserv
                                                                                                                             GENERAL INFORMATION:
APPLICANT: Ruggeri, Zaverio M.
APPLICANT: Ware, Jerry, inventors
APPLICANT: on behalf of Scripps Clinic and Research
APPLICANT: Foundation
TITLE OF INVENTION: GPIb' Fragments and Recombinant
TITLE OF INVENTION: DNA Expression Vectors
NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                    Sequence 3, Application US/07613083B Patent No. 5340727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumkov, Ilya
APPLICANT: Chumkov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
BARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5847, A Patent No. 65377
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LOCATION: 1..19
COTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                      CORRESPONDENCE ADDRESS:
                                 STREET: 10666 N
COUNTRY:
                   STATE:
                                                    ADDRESSEE: Scripps Clinic and Research
ADDRESSEE: Foundation
STREET: 10666 No. 5340727th Torrey Pines Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2413 AGGAAGAAATCACGTTTGC 2431
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Similarity 89.5%;
17; Conservation
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                 California
USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 15.8;
Pred. No. 4.
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Pred. No. 4.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4.3e+02
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US-08-899-371-9/c
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARR: PACENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,371
FILING DATE: 23-UTL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,734
PILING DATE: 26-UTL-1996
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 03070-081310US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Diskette-5.25 inch, 1.2 Mb COMPUTER: AST Bravo IBM PC comp. (386SX) OPERATING SYSTEM: MS DOS version 3.2 SOFTWARE: Worddeerfect 5.1 conv. to ASCII CURRENT APPLICATION DATA: APPLICATION NUMBER: US/07/613,083B FILING DATE: 19911114 CLASSIFICATION: 435
PRIOR APPLICATION BATA: This appl. is a c-i-p of APPLICATION NUMBER: U.S. 07/470,674
FILING DATE: 04-Jan-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 9, Application US/08899371 Patent No. 5962227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.3%; Score 15.8; DB 1. Best Local Similarity 89.5%; Pred. No. 4.7e+02. Matches 17; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Antonio,
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: BATTON, ALEXIB
REGISTRATION NUMBER: 22,702
REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 923-4466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hedrick, Ronald APPLICANT: Andree, Karl B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: Two Embarcac
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: Li
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                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Townsens and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor
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                                                                                                                                                                                                                                                                                                                                                                                                                               California
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NVENTION: A DNA-Based Diagnostic Test for

VENTION: Detecting Myxobolus, the Cause of Salmonid Whirling
                                                                                                                                                                                                                                                                                                                                                                                                               USA
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Linear
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RESULT 187
US-09-030-701-65/c
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US-09-120-853-10/c
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1997-02:
NUMBER OF SEQ ID NOS: 65
SOPTWARE: FASESEQ for Winds
SEQ ID NO 65
LENGTH: 20
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                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Schwartz, David A.
APPLICANT: SCHWARTZ, DOI DAVID A.
TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING
TITLE OF INVENTION: UNMETHYLATED CPG DINUCLEOTIDE IN
TITLE OF INVENTION: UNMETHYLATED DISORDERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local
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SEQ ID NO 10
LENGTH: 20
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Best Local Similarity
Matches 17; Conserv
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                                                                                                            FILE REFERENCE: C1039/7011
CURRENT APPLICATION NUMBER: US/09/030,701B
CURRENT FILING DATE: 1998-02-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 07898/030001
CURRENT APPLICATION NUMBER: US/09/120,853
CURRENT FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: UP 213838/1997
EARLIER FILING DATE: 1997-07-25
NUMBER OF SEQ ID NOS: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Kamiya, Kinya
APPLICANT: Matsuda, Yoko
APPLICANT: Uchida, Kiyoshi
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: Artificial OTHER INFORMATION: nucleic acid sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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TOPOLOGY: linear
MOLECULE TYPE: DNA
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                                        FastSEQ for Windows Version 3.0
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                                                                           1997-02-28
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Pred. No. 4.7e+02;
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Pred. No. 4.7e+02;
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-80
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US-09-082-649B-57/c
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Best Local S
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PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60,
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 85
SOFTWARE: FASTSEQ for Windows V.
                                                                                                                                                                                                                                                                                                Patent No. 6436706
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                  Sequence 80, Application US/09792594 Patent No. 6436706
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 57
LENGTH: 20
Query Match
Best Local Similarity
                                                                                                                                                          NUMBER OF SEQ ID NOS:
SEQ ID NO 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                            APPLICANT: Donna T. V
APPLICANT: Andrew T.
TITLE OF INVENTION: I
FILE REFERENCE: RTS-(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/792,594
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Schorr, Joachim.
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or
TITLE OF INVENTION: Therapeutic Protocols
FILE REFERENCE: C1039/7009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                   Donna T. Ward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Davis, Heather L.
Krieg, Arthur M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                ANTISENSE MODULATION OF RECQL4 EXPRESSION
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89.5%;
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 0.3%;
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Pred. No. 4.7e+02;
0; Mismatches 2;
Score 15.8; DB 1;
Pred. No. 4.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 15.8; DB 1;
Pred. No. 4.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
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                Length 20;
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RESULT 192
US-09-198-452A-6014
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US-09-705-267A-140/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-140
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US-09-657-346A-84
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Best Local S
Matches 17
Sequence 6014, Application Patent No. 6559294 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No. 6551826
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 174
SEQ ID NO 84
LENGTH: 20
                                                                                                                                                               Matches
                                                                                                                                                                           Query Match
Best Local S
                                                                                                                                                                                                                                                                                               SEQ ID NO 140
LENGTH: 20
                                                                                                                                                                                                                                                                                                                 APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT APPLICATION NUMBER: US/09/705,267A
NUMBER OF SEQ ID NOS: 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0135
CURRENT PPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                    4045 CACCAGGGCCTCTAGGCAG 4063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4686 AGAAGCCTGTTCTGTCCAG 4704
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                                                                                                      CACAAGGGCCTCCAGGCAG
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                              US/09198452A
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Pred. No. 4.
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Pred. No. 4.7e+02;
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                                                                                                                                                                                        Length 20;
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                                                                                                                                                               Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: AntiBense Oligonucleotide US-09-909-595-62
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                                                                                                                                                                                                                                                                                                                                                                   RESULT 194
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6014
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/909,595
CURRENT FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 62
LENGTH: 20
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APPLICANT: C. Frank Bennett
APPLICANT: Brenda F. Baker
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Scott E. Davis
TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
FILE REFERENCE: RTS-0223
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Best Local Similarity
                                                                                                                                                                                                                                                                                                        Sequence 77, Application US/09081385 Patent No. 6593456
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Best Local Similarity
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Patent No. 65862
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                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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                                                           STREET: 755 CITY: Palo Alto
                                                                                                            APPLICANT: Granger, G.A.

TITLE OF INVENTION: Factor Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                               APPLICANT: Gatanaga, APPLICANT: Granger, C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                270 CTCTCTCTCTTTCTCTCTC
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Pred. No. 4.7e+02;
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Pred. No. 4.7e+02
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 23, Application US/07602608 Patent No. 5382524
NAME: COTUZZÍ, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEPAX: (212) 869-8864/9741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIAN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/602,608
FILING DATE: 24-OCT-1990
CIASCIPICATION. A25
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FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                            CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: CLONING AND EXPRESSION OF BIOLOGICALLY TITLE OF INVENTION: ACTIVE ALPHA-N-ACETYLGALACTOSAMINIDASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Desnick, Robert J.
APPLICANT: Bishop, David F.
APPLICANT: IOannou, Yiannis A.
APPLICANT: Wang, Anne M.
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TELEFAX: 706141
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
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                                                         6923-008
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Pred. No. 4.7e+02;
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                                    Matches
                                                    Best Local Similarity
                                                                Query Match
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APPLICANT: Desnic
APPLICANT: Bishop
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                                                                                                                                                                                                                  TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,
                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/261,578
FILING DATE: 17-UUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/602,608
FILING DATE: 24-OCT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 69: TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wang, Anne M.
TITLE OF INVENTION: CLONING AND EXPRESSION OF BIOLOGICALLY
TITLE OF INVENTION: ACTIVE ALPHA-N-ACETYLGALACTOSAMINIDASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA
                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                ELECOPACE: (212)
TELEPHONE: (212)
TENEY: (212)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: sing
TOPOLOGY: unknown
                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                     LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4831 AGTGGAGAGATCTGGCCTC 4849
   4831 AGTGGAGAGATCTGGCCTC 4849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    21 AGTAGAGAGATCTGACCTC 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Similarity
                                                                                                                                                                   nucleic acid
                                                                                                                                                                                      21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: PENNIE & EDMONDS
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Desnick, Robert J.
Bishop, David F.
                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ioannou, Yiannis A.
                                                                                                                                      unknown
                                                                                                                                                                                                                                                                      (212) 790-9090
                                                                                                                                                    single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      single
                                                                                                                                                                                                                                                     869-8864/9741
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89.5%; Pred. No. 5.2e+02
                                                  0.3%; Score 15.8; DB 1
89.5%; Pred. No. 5.2e+02
                                                                                                                                                                                                                                                                                                                  30,742
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                                    Mismatches
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                                                                     DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 21;
                                                                  Length 21;
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                                  Gaps
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Marshall, R.L.

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                                                                                                                                                                         RESULT 198
                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature;
LOCATION: 1.21;
OTHER INFORMATION: /pro
OTHER INFORMATION: /str
US-08-182-175A-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-182-175A-24/c
                                                                                                                   Sequence 3, Application US/08116389 Patent No. 5601978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 835420
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base ---
Type
                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 5559223
GENERAL INFORMATION:
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                                                                                                       GENERAL INFORMATION:
                                   APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Linda Axamethy Floyd REGISTRATION NUMBER: 33,692 REFERENCE/DOCKET NUMBER: BB-TELECOMMUNICATION INFORMATION: TELEPHONE: (302) 992-4929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
FILING DATE: 9 August 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: Macintosh COMPUTER: Macintosh System, OPERATING SYSTEM: Macintosh System, SOTTWARE: Microsoft Word, 4.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing NUMBER OF SEQUENCES: 113
                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Saverio Carl Falco
     PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 1007 Mar. CITY: Wilmington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                                                                                    2802 GAAGGAGAAAATGAAGAAG 2820
                                                                                                                                                                                                                             21 GGAGGAGAAGATGAAGAAG 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 d: 21 base pairs
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1007 Market Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sharon J. Kee.
Janet A. Rice
                          Carrey or Salituro, or E.K.
                                                 Burczak, John
Carrino, J.J.
Salituro, J.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (302) 892-7949
Pabich, E.K.
Klonowski, P.A.
Manlove, M.T.
                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     single
                                                                                                                                                                                                                                                                                                               0.3%;
89.5%;
                                                                                                                                                                                                                                                                                                                                                                             /product= "synthetic oligonucleotide"
/standard_name= "SM 91"
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                                                                                                                                                                                                                                                                                             0;
                                                                                                                                                                                                                                                                                                               Score 15.8; DB 1
Pred. No. 5.2e+02
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                                                                                                                                                                                                                                                                                                                               DB 1; Length 21;
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US-08-708-431-3/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
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ATTORNEY/AGENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5372.US.O1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708 937-4884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 60064-3500

COMPUTER READABLE FORM:

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PCDOS/MSDOS

SOFTWARE: Wordberfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/116,38

FILING DATE: 03 SEPTEMBER 1993
                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                 equence 3, Application US/08708431 atent No. 5756298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                       CI).
STATE: USA
COUNTRY: USA
TTO: 60064-3500
TTO: TOTALDABLE F
                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
APPLICANT:
COMPUTER READABLE FORM:
MEDIOM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PCDOS/MSDOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES
                                                                                                                                                                                                                APPLICANT: Manlove, M.T.
APPLICANT: Marshall, R.L.
TITLE OF INVENTION: Materials and Methods for the Detection
TITLE OF INVENTION: of Chlamydia Trachomatis
                                                                                                                                                                                                                                                                      APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              y Match 0.3%;
Local Similarity 89.5%;
hes 17; Conservative
                                                                                                                          STREET: One Abbott Park Road CITY: Abbott Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 708 937-48
TELEFAX: 708 938-2623
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                                                                                                                                                                                                                                                                                                     Burczak, John
Carrino, J.J.
Salituro, J.A.
Pabich, E.K.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                                                                                                                                                                                                                                                                       Klonowski,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DNA (synthetic)
                                                                                                                                                                                                                                                                                       , P.A.
                                                                                                                                                                                                 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 15.8;
Pred. No. 5.
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WordPerfect

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RESULT 200
US-08-474-633A-46/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 46,
Patent No. 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/116,389
APPLICATION NUMBER: 08/216,389
ATTORNEY/AGENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5372.US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708 937-4884
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                               ATTORNEY AGENT INFORMATION:
NAME: BARBARA C. SIEGELL
REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: E. I. DU
APPLICANT: COMPANY
TITLE OF INVENTION:
                                                                                                                                                                                                                        COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1007 MARI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                  TELEFAX:
                                                                                                                                                                       CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: AND COMPANY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: 05-SE
                                TELEX:
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5773691
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                                                                                                                                                                                                                                                                                                                                                                   DELAWARE
                                                                                                                                                                                                                                                                                                                                                                                                  1007 MARKET STREET
                                                302-773-0164
                                                                                                                                                                                                                                                                                                                                                 U.S.A.
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                                                                                                                                                                                                                                                                                                FLOPPY DISK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INCREASING THE LYSINE AND THREONINE CONTENT OF THE SEEDS OF PLANTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           METHODS FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CHIMERIC GENES AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        107
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                  46:
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                                                                                                      BB-1037-C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 15.8; DB 1;
Pred. No. 5.2e+02;
0; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INCREASING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 21;
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                                                            ; MOLECULE TYPE: US-08-912-976-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/08912976 Patent No. 5814492
                            Query Match
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Best Local (
 Matches
                                                                                                                                                                                                       ATTORNEY AGENT INFORMATION:
ATTORNEY AGENT INFORMATION:
NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5747
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/937-4884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 1
FILING DATE: 13-AUG-:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Carrino, J. J.
APPLICANT: Brainard, T. D.
TITLE OF INVENTION: Probe Masking Method of Reducing
TITLE OF INVENTION: Background in an Amplification Reaction
                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH:
               Local
                                                                                                   LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                  CITY: Abbott Park
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: 'nucleic acid
STRANDEDNESS: single
                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: June 7,
                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: SystemsOFTWARE: MS Word/Text
                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: Macintos
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
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1 Similarity 89.5%;
17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100 Abbott Park Road
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                                                                                          linear
                                                                        other (synthetic DNA)
                                                                                                                                                                                                                                                                                                                                                                   13-AUG-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                              System 7.0.1
           0.3%; Score 15.8; DB 1; B9.5%; Pred. No. 5.2e+02;
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oligonucleotide"
                                                                                                                                                                                                                                                                                                                     08/478,152
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 15.8; DB 1;
Pred. No. 5.2e+02;
0; Mismatches 2
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 Mismatches
                          DB 1; Length 21;
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Indels
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Gaps
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RESULT 203
US-08-823-771-46/c
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US-08-880-830-3/c
                                                                                                                                                                                                                                                                                  US-08-880-830-3
Sequence 46, Application US/08823771
Patent No. 6459019
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: E. I. DU PONT DE NEMOURS AND
                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3, Application US/08880830 Patent No. 5846785
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Burcza
APPLICANT: Carrin
                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 03 SEPTEMBER 1993
ATTORNEY/AGENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5372.US.O1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708 937-4884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PCDOS/MSDOS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
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APPLICANT:
APPLICANT:
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APPLICATION NUMBER: 08/449,863
FILING DATE:
APPLICATION NUMBER: 08/116,389
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Manlove, M.T.
APPLICANT: Marshall, R.L.
TITLE OF INVENTION: Materials and Methods for the Detection
TITLE OF INVENTION: of Chlamydia Trachomatis
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA (synthetic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 708 938-2623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/880,830
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                5084 GCTTTCAGCTCTGCTTCCT 5102
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                                                                                                                                           GCTTTGAGTTCTGCTTCCT 3
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Manlove, M.T.
Marshall, R.L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Salituro, J.A. Pabich, E.K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Burczak, John Carrino, J.J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ABBOTT LABORATORIES
                                                                                                                                                                                                                          0.3%;
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                                                                                                                                                                                                                              Score 15.8; DB 1
Pred. No. 5.2e+02
                                                                                                                                                                                                             Mismatches
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                                                                                                                                                                                                            RESULT 204
                                                                                                                                         Patent No. 6545137
GENERAL INFORMATION:
                                                                                                                                                         Sequence 208, Application US/09060299 Patent No. 6545137
                                                                    APPLICANT:
                                                                                                      APPLICANT:
                                                      APPLICANT:
                                                                                      APPLICANT:
                                     APPLICANT:
   APPLICANT:
                   APPLICANT:
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Cox, Roger D Gerhold, David Hammond, Holly Hey, Patricia

Kawaguchi, Yoshihiko

Todd, John A Hess, John W Caskey, Charles

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; SEQUENCE DESCRIPTION: SEQ ID NO: 46: US-08-823-771-46
                                                                              Matches
                                                                                            Query Match 0.3%;
Best Local Similarity 89.5%;
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INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/823,771

FILING DATE: 24-Mar-1997

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION UMBER: 08/474,633

FILING DATE: <Unknown>
APPLICATION NUMBER: 08/474,633

FILING DATE: <Unknown>
APPLICATION NUMBER: 08/474,633

FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:

NAME: BARBARA C. SIEGELL

REGISTRATION NUMBER: 30,684

REFERENCE/DOCKET NUMBER: BB-1037-C

TELEPHONE: 302-992-4931

TELEPHONE: 302-992-4931

TELEPHONE: 302-773-0164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: FLOOPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR INCREASING INCREASING THE LYSINE
                      2802 GAAGGAGAAAATGAAGAAG 2820
                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic) FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRES
                                                                              17,
21 GGAGGAGAAGATGAAGAAG
                                                                                                                                                                                                                                                                                                                                                      LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                   NAME/KEY: misc_feature LOCATION: 1..21 OTHER INFORMATION: /pro
                                                                                                                                                                                                                                       oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: DELAWARE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 1007 MARKET
                                                                                                                                                                                                                                                                                          NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 19898
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: WILMINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: E.
                                                                                                                                                                                                              standard_name= "SM
                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AND COMPANY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DU PONT DE NEMOURS
                                                                          0,
                                                                                            Score 15.8;
Pred. No. 5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET
                                                                                                                                                                                                                                                         /product= "synthetic
                                                                              Mismatches
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                                                                                              5.2e+02;
                                                                                                                     DB 1;
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US-09-402-923A-208/c
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                                                                                                                                                                                                                                                                                                                                               Sequence 208, Application US/09402923A Patent No. 6555654
GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (703)816-4100 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 62
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PATENTIN Release #1.0, 1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Metzker, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 36,663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DDRESSEE:
                                                                                                                           Hey, Patricia

Kawaguchi, Yoshihiko

Merriman, Tony R

Metzker, Michael L

TITLE OF INVENTION: NO. 6555654el LDL-Receptor

NUMBER OF SEQUENCES: 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1638 GACTCCAAAAAGAGAGAAA 1656
                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         B.J.Sadoff
COUNTRY: US
ZIP: VA 22201-4714
                                   CITY: Arlington
STATE: Virginia
                                                                       ADDRESSEE: Nixon and Vanderhye STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Virginia
: US
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1100 No. 6545137th Glebe Road, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                    Gerhold, David Hammond, Holly
                                                                                                                                                                                                                                                                                        Caskey, Charles
                                                                                                                                                                                                                                                                                                           Todd, John A
Hess, John W
                                                                                                                                                                                                                                                                    Cox, Roger D
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Pred. No. 5.2e+02;
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                                                                                         ; ORGANISM: Homo sapiens
US-09-657-472-1574
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-402-923A-208
                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1574
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Loc
Matches
Query Match 0.3%; Score 15.8; DB 1; Best Local Similarity 81.0%; Pred. No. 5.2e+02; Matches 17; Conservative 1; Mismatches 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1574,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                       APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
APPLICANT: McCarthy, Jeanette J.
TITLE OP INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT FILING ANTE: 2000-09-07
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-09-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/220,947 PRIOR FILING DATE: 2000-07-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                  LENGTH: 21
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lander, Eric S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 208: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/402,923A
PILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
mes 17; Conserv
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: B.J.SAGOFÉ
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1638 GACTCCAAAAAGAGAGAAA 1656
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE DESCRIPTION: SEQ ID NO: 208:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (703)816-4091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Cargill, Michele
Ireland, James S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bolk, Stacey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/09657472
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89.5%; Pred. No. 5.2e+02;
tive 0; Mismatches 2;
                                                DB 1;
                                             Length 21;
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Indels
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PCT-US92-06412-24/c
; Sequence 24, Application PC/TUS9206412
; GENERAL INFORMATION:
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PCT-US94-13895-3/c
                                                                                                                                                                                                                                                                                                                               PCT-US92-06412-24
                                                                                 Sequence 3, Applicati
GENERAL INFORMATION:
                                                                                                                                                                                                                                                            Matches 17;
                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 07/743,006
FILING DATE: 9 AUGUST 1991
ATTORNEY/AGENT INFORMATION:
NAME: Linda Axamethy Floyd
REGISTRATION NUMBER: 33,692
REGISTRATION NUMBER: BB-1031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 992-4929
TELEFAX: (302) 892-7949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: 835420
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                 APPLICANT:
APPLICANT:
APPLICANT:
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MEDIUM TYPE: Floppy Disk
COMPUTER: McIntosh
OPERATING SYSTEM: Macintosh System, 6.0
SOFTWARE: Microsoft Word, 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Sharon J. Keeler
APPLICANT: Janet A. Rice
TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 530 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC'
                                                                   APPLICANT:
     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc feature LOCATION: 1..21
OTHER INFORMATION: /pro
                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 19920807
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ENGTH:
                                                                                                                                                                                                                          2802 GAAGGAGAAAATGAAGAAG 2820
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                                                                                                                                                                                          21 GGAGGAGAAGATGAAGAAG 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                              IH: 21 base pairs
    NUCLEIC ACID
NDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     19898
                                                                                                     Application PC/TUS9413895
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Salituro, J.A.
Pabich, E.K.
Klonowski, P.A.
                                                                                                                                                                                                                                                            Conservative
                                                   Burczak, Johr
Carrino, J.J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Saverio Carl Falco
                                                                                                                                                                                                                                                                              0.3%;
                                                                   John
                                                                                                                                                                                                                                                                                                                                              /product= "synthetic oligonucleotide"
/standard_name= "SM 91"
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                                                                                                                                                                                                                                                            0; Mismatches
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Pred. No. 5.2e+02
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US-08-983-605-232/c
                                                                                US-08-983-605-232
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Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                    Sequence 232, Application US/08983605A
Patent No. 6720137
GENERAL INFORMATION:
APPLICANT: Roder, Marion
                                                                                                                                        SEQ ID NO 232
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                          TITLE OF INVENTION: Microsatellite Markers for Plants of the Species TITLE OF INVENTION: Triticum Aestivum and Tribe Triticase and the Use TITLE OF INVENTION: Said Markers FILE REFERENCE: 2936.10400 CURRENT APPLICATION NUMBER: US/08/983,605A CURRENT FILING DATE: 1998-05-01 EARLIER APPLICATION NUMBER: DE 195 25 284.5 EARLIER PILING DATE: 1995-06-28 NUMBER OF SEQ ID NOS: 466 SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Ploppy disk
COMPUTER: THE PC COMPATIBLE
COMPUTER: PCDOS/MSDOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatil OPERATING SYSTEM: PCDOS/N SOFTWARE: Wordberfect CURRENT APPLICATION DATA: APPLICATION UNMBER: PCT/PILING DATE: 03 SEPTEMBE CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                               TYPE: DNA ORGANISM: Triticum aestivum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: 708 937-4884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Manlove, M.T.
APPLICANT: Marshall, R.L.
TITLE OF INVENTION: Materials and Methods for the Detection
TITLE OF INVENTION: of Chlamydia Trachomatis
NUMBER OF SEQUENCES: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA (synthetic)
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ADDRESSEE: ABBOTT LABORATORIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 / Match 0.3%;
Local Similarity 89.5%;
nes 17; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 708 937-48 TELEFAX: 708 938-2623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5372.US.O1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Abbott Park
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         Conservative
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                         0.3%;
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         0,
       Score 15.8; DB 1;
Pred. No. 6.2e+02;
0; Mismatches 2
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Pred. No. 5.2e+02;
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                                              DB 1;
                                         Length
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5184 CCAGTGGTGTGTGAATG 5202

APPLICANT:

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US-08-708-431-2
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                                                                                                                                                                                                                                                                                                                                                            US-08-116-389-2
                                                  GENERAL INFORMATION:
APPLICANT: Burczak
APPLICANT: Carrino
APPLICANT: Salituro
                                                                                                                                   Sequence 2,
                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                         Query Match
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                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PCDOS/MSDOS
SOFTWARE: WOrdPerfect
CURRENT APPLICATION DATA:
APPLICATION UNUBER: US/08/116,389
FILING DATE: 03 SEPTEMBER 1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REGISTRATION NUMBER: 5372.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708 937-4884
TELEPAX: 708 938-2623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Burcza
APPLICANT: Carrin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA (synthetic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Marshall, R.L.
TITLE OF INVENTION: Materials and Methods for the Detection
TITLE OF INVENTION: of Chlamydia Trachomatis
NUMBER OF SEQUENCES: 25
     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                               0.3%;
Local Similarity 89.5%;
les 17; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                       5084 GCTTTCAGCTCTGCTTCCT 5102
                                                                                                                     , Application US/08708431 5756298
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       Carra.
Salituro, ...
Salituro, ...
Salituro, ...
Salituro, ...
Pabich, E.K.
Klonowski, P.J
Manlove, M.T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                                                 Carrino, J.J.
Salituro, J.A.
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Pabich, E.K.
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                                                                                    Burczak,
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                                                                                    John
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Pred. No. 6.7e+02;
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                                                                                                                                                                                                                                                                                                                      Length 24;
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US-08-912-976-1
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                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/08912976 Patent No. 5814492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.3%;
Best Local Similarity 89.5%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Carrino, J. J.
APPLICANT: Brainard, T. D.
TITLE OF INVENTION: Probe Masking Method of Reducing
TITLE OF INVENTION: Background in an Amplification Reaction
NUMBER OF SEQUENCES: 40
              COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: System 7
SOPTWARE: MS WORD/Text
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
RAPLICATION UNMER: 08/116,389
PILING DATE: 03 SEPTEMBER 1993
ATTORNEY/AGENT INFORMATION:
NAME: Bratinard, Thomas D.
REGISTRATION NUMBER: 32,459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 32,459
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708 937-4884
TELEPAX: 708 937-4884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Materials and Methods for the Detection TITLE OF INVENTION: of Chlamydia Trachomatis
                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                           ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 708 30.
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5084 GCTTTCAGCTCTGCTTCCT 5102
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Abbott Park
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                                                         System 7.0.1
US/08/912,976
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Pred. No. 6.7e+02;
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:

13-AUG-1997

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RESULT 213
US-08-481-793-4/c
                                                                                                                            CURRENT APPLICATION NUMBER: US/08/481,793
APPLICATION NUMBER: US/08/481,793
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,326
FILING DATE: 12-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: HANLEY, ELIZABETH A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: 1GI-037
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEPHONE: (617)227-7400
TELEPAX: (617)227-751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 17; Conserv
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FILING DATE: June 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5747.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/937-4884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                         TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: SEIDMAN, C.E. ET AL.
TITLE OF INVENTION: METHODS FOR DETECTING MUTATIONS ASSOCIATED WITH
TITLE OF INVENTION: HYPERTROPHIC CARDIOMYOPATHY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
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                                                                                               SEQUENCE CHARACTERISTICS:
TOPOLOGY: 1
                STRANDEDNESS: single TOPOLOGY: linear
                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
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STATE: Massac
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STRANDEDNESS: sing
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llarity 89.5%;
Conservative
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Pred. No. 6.7e+02;
0; Mismatches 2;
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TOPOLOGY: lip;

MOLECULE TYPE:
US-08-880-830-2
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 Query Match
Best Local Similarity
Matches 17; Conser
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Best Local
                                                                                                                                                                 TELEX:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                     FILING DATE: 08/116,389
APPLICATION NUMBER: 08/116,389
FILING DATE: 03 SEPTEMBER 1993
ATTORNEY/AGENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PCDOS/MSDOS
                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                        REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5372.US.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708 937-4884
                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Marshall, R.L.
TITLE OF INVENTION: Materials and Methods for the Detection
TITLE OF INVENTION: of Chlamydia Trachomatis
                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES
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                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Abbott Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2371 TCACAGAGAGGAGGAGCA 2389
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Carrino, J.J.
Salituro, J.A.
Pabich, E.K.
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Marshall, R.I
                                                                                                                                                                                             708 938-2623
   Conservative
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                                                                        DNA (synthetic)
             0.3%;
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 Score 15.8; D
Pred. No. 6.7e
0; Mismatches
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Pred. No. 6.7e+02;
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               8; DB 1;
6.7e+02;
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                             Length 24;
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Gaps
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US-08-354-326-4
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                                                                                                                                                                                                                                                                                                                                                  Sequence 16, Application US/08570155 Patent No. 5962332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.3%;
Best Local Similarity 89.5%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                             Patent No. 5962332
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/08354326 Patent No. 5912121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/354,326
FILING DATE: 02-JUN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HANLEY, ELIZABETH A.
REGISTRATION NUMBER: 3,505
REFERENCE/DOCKET NUMBER: 3,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: IG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: SEIDMAN,
                                                                                                                                                                                                                               APPLICANT: Singer, Robert H.
APPLICANT: Taneja, Krishan L.
TITLE OF INVENTION: DETECTION
TITLE OF INVENTION: BY IN SIT
NUMBER OF SEQUENCES: 17
                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & RICHARDSON P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
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                                                                                                                                                                              STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
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                                                                                                                            COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2371 TCACAGAGAGGAGGAGCA 2389
                                                                                                                                                                                                                                                                                                                                                                                                                                                           02109-1875
                                                                                                         02110-2804
                                                                                                                                                              Boston
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                                                                                                                          U.S.A.
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PatentIn Release #1.0,
#1.30B
                                                                                                                                                                                                                                                      DETECTION OF TRINUCLEOTIDE REPEATS BY IN SITU HYBRIDIZATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       C.E. ET AL.
METHODS FOR DETECTING MUTATIONS ASSOCIATED WITH
HYPERTROPHIC CARDIOMYOPATHY
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Pred. No. 6.7e+02;
0; Mismatches 2;
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CLASSIFICATION:
CLASSIFICATION DATA:
PRIOR APPLICATION UNMBER: 08/399,499
APPLICATION NUMBER: 08/399,499
FILING DATE: 07 March 1995
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/214,823
FILING DATE: 17 March 1994
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
NAME: Clark, Paul T.
0635
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US-08-570-155-16
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TELEPAX: (617) 542-8906
TELEPAX: 200154
INFORMATION FOR SEQ ID NO: 16
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 17, Application US/08570155 Patent No. 5962332
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                                                                          APPLICATION NUMBER: US/08/570,15
FILING DATE:
CLASSIPICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/399,499
FILING DATE: 07 March 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/214,823
FILING DATE: 17 March 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Singer, F
APPLICANT: Taneja, F
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0,
SOFTWARE: #1.30B
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
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ADDRESSEE: FISH & RICHARDSON P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                          STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02110-2804
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7: U.S.A.
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DETECTION OF TRINUCLEOTIDE REPEATS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Robert H.
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    06353/011001
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Pred. No. 6
                                                                                                                                                                                                                                                                                          Version
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Sequence 90, Application US/09157177

Patent No. 6090558

GENERAL INFORMATION:

APPLICANT: Butler, John M.

APPLICANT: Hotler, John M.

APPLICANT: Hotler, Joseph A.

APPLICANT: Monforte, Joseph A.

APPLICANT: Monforte, Joseph A.

TITLE OF INVENTION: REBEAT MARKERS

FILE REFERENCE: GETR: 017/GETR017P

CURRENT APPLICATION NUMBER: US/09/157,177

CURRENT FILING DATE: 1998-09-18

EARLIER APPLICATION NUMBER: 60/059,415

EARLIER FILING DATE: 1997-09-19

NUMBER OF SEQ ID NOS: 135
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US-09-157-177-64
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US-08-570-155-17
                                                                                                                                                                                                                                                                                                         RESULT 219
US-09-157-177-90
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LENGTH: 24
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Best Local Similarity
Matches 17; Conserv
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Best Local S
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Patent No. 6090558
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TYPE: DNA
ORGANISM: Homo sapiens
-09-157-177-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: MONFORTE, JOSEPH A.
APPLICANT: Becker, Christopher H.
APPLICANT: Becker, Christopher H.
TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA
TITLE OF INVENTION: REPEAT MARKERS
FILE REFERENCE: GETR: 0.17/GETR01.7P
CURRENT FILING DATE: 1998-09-18
CURRENT FILING DATE: 1998-09-18
CARLIER FILING DATE: 1997-09-19
EARLIER FILING DATE: 1997-09-19
NUMBER OF SEQ ID NOS: 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Butler, John M. APPLICANT: Li, Jia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Ver. 2.0
OFTWARE: PatentIn Ver.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 10-
TELEFAX: 200154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (617) 542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3918 CCGACGCCGCGGCCGCCGC 3936
                                                                                                                                                                                                                                                                                                                                                                                                                         273 TCTCTCTTTCTCTCTCTCT 291
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17; Conservative
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Pred. No. 6
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Pred. No. 6.7e+02;
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                                                                                                                                                     POLYMORPHIC DNA
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; OTHER INFORMATION: Description of Artificial Sequence: primer/probe US-09-405-558-50
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                                                                                                                                                                                 RESULT 221
US-09-541-210-64
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SEQ ID NO 50
LENGTH: 24
                                                                                                                           Sequence 64, Applica Patent No. 6764822 GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
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LENGTH: 24
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TITLE OF INVENTION: DNA Encoding Mammalian Neuropeptide FF (NPFF) Receptors
TITLE OF INVENTION: and Uses Thereof
FILE REFERENCE: 57155-C
CURRENT APPLICATION NUMBER: US/09/405,558A
CURRENT FILING DATE: 1999-09-24
EARLIER APPLICATION NUMBER: 09/161,113
EARLIER FILING DATE: 1998-09-25
EARLIER APPLICATION NUMBER: 09/255,368
EARLIER FILING DATE: 1998-02-22
NUMBER: 05 ED ID NOS: 71
NUMBER: 05 ED ID NOS: 71
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APPLICANT: Monforte, Joseph A.
APPLICANT: Becker, Christopher H.
TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH
TITLE OF INVENTION: REPEAT MARKERS
FILE REFERENCE: GETR:017/GETR017P
                                                                                       APPLICANT: Butler, John M. APPLICANT: Li, Jia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Gerald, Christophe P.G. APPLICANT: Jones, Kenneth A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Borowsky, Beth APPLICANT: Craig, Douglas
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LOCATION: (1)
OTHER INFORMATION: Biotinylated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: 2'-deoxythymidine-5'-(S)-phosphorothioate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE: misc_feature
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ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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                                                                                                                                                                                                                                                                                             1264 TTCCTGGTGAGGCCAATCC 1282
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                                                                                                                                                                  Application US/09541210
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Pred. No. 6.7e+02
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Pred. No. 6
                                                                                                                                                                                                                                                           24
                                                                                                                                                                                                                                                                                                                                  Mismatches
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                                        POLYMORPHIC DNA
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US-09-541-210-90
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                                                                                                  Sequence 2, Applicati
GENERAL INFORMATION:
APPLICANT: Burcza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 135
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 90
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 64
                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                           Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: GETR: 017/GETR017P
CURRENT APPLICATION NUMBER: US/09/541, 210
CURRENT FILING DATE: 2000-04-03
EARLIER APPLICATION NUMBER: 60/059, 415
EARLIER FILING DATE: 1997-09-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: MONFORTE, JOSEPH A.
APPLICANT: BECKET, Christopher H.
TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA
TITLE OF INVENTION: REPEAT MARKERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/541,210 CURRENT FILING DATE: 2000-04-03 EARLIER APPLICATION NUMBER: 60/059,415 EARLIER FILING DATE: 1997-09-19 NUMBER OF SEQ ID NOS: 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Butler, John M. APPLICANT: Li, Jia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (1)
OTHER INFORMATION: Biotinylated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (22)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
                                APPLICANT:
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Local Similarity 89.5%;
nes 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          273 rererererererere 291
                                                                                                                                                                                                                                                           273 TCTCTCTTTCTCTCTCTCT 291
                                                                                                                                                                                                                                                                                             l Similarity
17; Conserv
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                                                                                                                                      Application PC/TUS9413895
                                                                                                                                                                                                                          TCTCTCTTCTACCTCTCT 24
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                                                Carrino, J.J. Salituro, J.A. Pabich, E.K.
Manlove, M.T. Marshall, R.L
                              Klonowski, P.A.
                                                                                                  Burczak,
                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                           0.3%;
                                                                                                      John
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                                                                                                                                                                                                                                                                                                           Score 15.8; DB 1; Length 24; Pred. No. 6.7e+02;
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Pred. No. 6.7e+02;
                                                                                                                                                                                                                                                                                               Mismatches
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RESULT 224
PCT-US95-07068-4/c
; Sequence 4, Application PC/TUS9507068
; GENERAL INFORMATION:
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Best Local Similarity 89.5%;
Matches 17; Conservative
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ADDRESSEE: ABBOTT LABORATORIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/354,326
FILING DATE: 12-DEC-1994
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5372.US
TELECOMMUNICATION INFORMATION:
TELESPHONE: 708 937-4884
                                                                                                                                                                                                                                                                   SOFTWARE: ASCII text CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP:
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TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
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CLASSIFICATION:
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                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US95/07068
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      METHODS FOR DETECTING MUTATIONS ASSOCIATED HYPERTROPHIC CARDIOMYOPATHY
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Pred. No. 6.7e+02;
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US-08-356-287-9
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 4.
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base main rypp.
                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/891,543
FILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul D. Yasger
REGISTRATION NUMBER: 37,477
REFERENCE/DOCKET NUMBER: 5172.US.P1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Ronald
                                                                                                      TELEPHONE: 708-937-234
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           tent No.
       LENCTH: 22
TYPE: nucleic acid
TYPE: single
STRANDEDNESS: single
TOTOLOGY: linear
                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: System 7.0.1 SOFTWARE: Microsoft Word 5.1a CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette
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REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: IGI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 3
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TITLE OF INVENTION:
TITLE OF INVENTION:
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STREET: 100 Abbott Park Road
CITY: Abbott Park
                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 24 base pairs
TYPE: nucleic acid
   TOPOLOGY: 1
LECULE TYPE:
                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
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                                                                                                                                                                                                                                                                                                                                                                                                             Macintosh
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Other nucleic acid (synthetic DNA)
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Pred. No. 6.7e+02
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P1
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                                                                                                                                                                                                     RESULT 227
US-08-483-511-60
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US-08-457-273B-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-356-287-9
                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 18; Conserv
                                                                                                                                  Sequence 60, Application US/08483511 Patent No. 6297048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 32,
                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 919-854-1401
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRINT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,273B
FILING DATE:
FILING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: 1i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Virginia C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy
                                           APPLICANT:
                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hayden, Michael APPLICANT: Lin, Biaoyang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ITILE OF INVENTION: Mouse Model for Huntington's Disease and
ITILE OF INVENTION: Related DNA Sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: Bir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 919-854-1401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
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Jolly, Douglas J. Chang, Stephen M.W. Lee, William T.L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Nasir, Jama.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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Pred. No. 6.3e
0; Mismatches
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Pred. No. 6.3e+02
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APPLICANT: Gregg, Morin B.
APPLICANT: Walter, Funk D.
APPLICANT: Walter, Funk D.
APPLICANT: Micczyslaw, Piatyszek A.
TITLE OF INVENTION: A Second Mammalian Telomerase
FILE REFERENCE: 080/003C
CURRENT APPLICATION UNMBER: US/09/972,115A
CURRENT FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/128,577
PRIOR APPLICATION NUMBER: US 60/129,123
PRIOR FILING DATE: 1909-04-13
PRIOR FILING DATE: 1909-04-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-972-115A-42
                                                                                    ; OTHER INFORMATION: Primer US-09-972-115A-42
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                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn version 3.1
SEQ ID NO 42
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 6577.
Patent No. 6577.
Patent INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 42, Application US/09972115A Patent No. 6599728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.3%;
Best Local Similarity 81.8%;
Matches 18; Conservative
Query Match 0.3%;
Best Local Similarity 81.8%;
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Geron Corporation
APPLICANT: Gregg, Morin B.
APPLICANT: Walter, Funk D.
APPLICANT: Mieczyslaw, Piaty
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INFORMATION FOR SEQ ID NO:
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COMPUTER READBLE FORM:

COMPUTER: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

CURRENT APPLICATION UNMBER: US/08/483,511
                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 930049.407C5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
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STRANDEDNESS:
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nucleic acid
DEDNESS: single
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6300 Columbia Center, 701 Fifth Avenue
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Score 15.6; DB 1;
Pred. No. 6.3e+02;
0; Mismatches 4,
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                                     DB 1; Length 22;
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Gaps
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; LENGTH: 22
; TYPE: DNA
; ORGANISM: Cricetulus s
US-09-477-392-67
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APPLICANT: Heintz, Nicholas
APPLICANT: Houchens, Christopher
TITLE OF INVENTION: RIP60 Nucleic Acid and Polypeptide
TITLE OF INVENTION: Sequences and Uses Therefor
FILE REFERENCE: V0139/7038 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/477,392
CURRENT FILING DATE: 2000-01-04
EARLIER APPLICATION NUMBER: US 60/114,745
EARLIER FILING DATE: 1999-01-04
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Patent No. 6780986
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Best Local (
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                                                                                                                                                                                    COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/04863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/891,543
FILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Ronald L. Marshall APPLICANT: John J. Carrino APPLICANT: Joann C. Sustachek
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: ABBOTT LABORATORIES
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
TITLE OF INVENTION: USING THE LIGASE CHAIN REACTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 3
                                                                                                                                              FILING DATE: CLASSIFICATION
                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 60064-3500
                                                                                                                                                                                                                                                                                                                                                                                                      STREET: One Abbott Park Road CITY: Abbott Park
NAME: Thomas D. Brainard REGISTRATION NUMBER: 32, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                      STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                            STREET:
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Similarity 81.8%;
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Score 15.6; DB 1; Pred. No. 6.3e+02; Mismatches

DB 1;

Length 22; Indels

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Gaps

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                                                                 US-08-859-998-592
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid (synthetic DNA)
PCT-US93-04863-9
 Matches
                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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                                                                                                                                                                                        TELEFAX: 415-854-0875
:NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 1375
                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Chenchik, Alex
APPLICANT: Jokhadze, George
APPLICANT: Bibilashvilli, R
                                                                                               FEATURE:
                                                                                                              MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Fish & Richardson, P.C. STREET: 2200 Sand Hill Road, Suite 100 CITY: Menlo Park
                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/0 FILING DATE: 21-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U
                                                                                OTHER INFORMATION:
                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                         FILING DATE:
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                                                                                                                                                                              23 base pairs
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   Conservative
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                81.8%;
                                                                              oligonucleotide primer
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Score 15.6; DB 1;
Pred. No. 6.8e+02;
0; Mismatches 4
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Pred. No. 6:3e+02
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                                 DB 1;
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                              Length 23
   Indels
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OTHER INFORMATION: oligonucleotide primer
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US-09-225-928-592
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US-09-225-201B-592
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US-09-225-928-592
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Best Local Sim
Matches 18;
                                                                                             Sequence 592, Applicat Patent No. 6489455 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:

NAME: Field, Bret E.

REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 0909
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEPHONE: 415-322-5070
TELEPHONE: 415-322-5070
TELEPHONE: 615-814-0875
INFORMATION FOR SEQ ID NO: 592:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 6352829
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: Windows95
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
FILING DATE: 21-MAY-1997
                                  APPLICANT: Chenchik, Alex
Jokhadze, Geor
Bibilashvilli,
Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
EXPRESSION
                                                                                                                                                                                                                                                                         3728 GCCCGGCAAGCAGGTGCCCGCG 3749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Bibilashvilli, Robert TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Chenchik, Alex
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                                                                                                                                                                                                                                                                                                                                      Similarity
                                                                                                                                                                                                                                      GCCCGGAAAGCGGGTGACAGCG 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GCCCGGAAAGCGGGTGACAGCG 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Menlo Park
                                                                                                                                      Application US/09225201B
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81.8%; Pred. No. 6.8e+02.
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                                                       George
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NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:

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                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-673-809-91/c
                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 234
                                                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-673-809-91
                                                                                                                                                               SOFTWARE: P
SEQ ID NO 91
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 91, Application US/09673809
Patent No. 6528261
                                    Query Match
Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                            APPLICANT: INNOGENETICS N.V.
TITLE OF INVENTION: Method for typing of HLA alleles.
FILE REFERENCE: PCT99.86.HLA
CURRENT APPLICATION NUMBER: US/09/673,809
CURRENT FILING DATE: 2000-10-20
                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1998-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 592:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT':INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/00:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201B
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3728 GCCCGGCAAGCAGGTGCCCGCG 3749
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 1239 CCGGGCCTCCGTCCACGTCCTC 1260
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      l Similarity
18; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GCCCGGAAAGCGGTGACAGCG 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: PastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Fish & Richardson, P.C. STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                   PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
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                                     Conservative
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                                                     0.3%;
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Pred. No. 6.8e+02;
0; Mismatches 4
                                  Score 15.6; DB 1;
Pred. No. 6.8e+02;
0; Mismatches 4;
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                                                                      Length 23;
                                     Indels
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                                  Gaps
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; OTHER INFORMATION: Description of Artificial Sequence: AYWSHREV primer US-09-724-969-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Stemmer, Willem P.C.

APPLICANT: Maxygen, Inc.

TITLE OF INVENTION: Antigen Library Immunization

FILE REFERENCE: 018097-028710US

CURRENT APPLICATION NUMBER: US/09/247,890

CURRENT FILING DATE: 1999-02-10

EARLIER APPLICATION NUMBER: US 60/074,294

EARLIER FILING DATE: 1998-02-11

EARLIER APPLICATION NUMBER: US 60/105,509

EARLIER APPLICATION NUMBER: US 60/105,509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-247-890-20/c
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                                     SEQ ID NO 20
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.3%;
Best Local Similarity 81.8%;
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LENGTH: 23
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                                                                                                                                                                                                                                                                                   APPLICANT: Bass, Steven H.
APPLICANT: Whalen, Robert Gerald
APPLICANT: Howard, Russell
APPLICANT: Stemmer, Willem P.C.
APPLICANT: Maxygen, Inc.
TITLE OF INVENTION: Antigen Library Immunization
FILE REFERENCE: 018097-028710US
CURRENT APPLICATION NUMBER: US/09/724,969
CURRENT FILING DATE: 2000-11-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 20, Application US/09724969
Patent No. 6569435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                      NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/105,509 PRIOR FILING DATE: 1998-10-23
                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 09/247,890 PRIOR FILING DATE: 1999-02-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Punnonen, Juha
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APPLICANT: Whalen, Robert Gerald
APPLICANT: Howard, Russell
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3181 AGCAGTGGGAAGTCACTAGCAG 3202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION:
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Pred. No. 6.8e+02
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Query Match Best Local Similarity

0.3%;

Score 15.6; DB 1; Pred. No. 6.8e+02;

밁

Matches

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; OTHER INFORMATION: Description of Artificial Sequence: AYWSHREV primer US-09-724-852-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                US-07-692-995B-42
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SEQ ID NO 20
LENGTH: 23
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Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
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APPLICANT: Camble, Roger
APPLICANT: Heather, Carr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US/09/247,890

PRIOR FILING DATE: 1999-02-10

PRIOR PPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/074,294

PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-11

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/105,509

PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 018097-028710US
CURRENT APPLICATION NUMBER: US/09/724,852
CURRENT FILING DATE: 2000-11-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Stemmer, Willem P.C.
APPLICANT: Maxygen, Inc.
TITLE OF INVENTION: Antigen Library Immunization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Punnonen, Juha APPLICANT: Bass, Steven
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                              SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                    APPLICANT: Timms, David
APPLICANT: Wilkinson, Anthony J.
TITLE OF INVENTION: POLYPEPTIDES
NUMBER OF SEQUENCES: 66
CORRESSPONDENCE ADDRESS:
                   APPLICATION NUMBER:
                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                    STATE: D.C
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Howard, Russell
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Eleventh Floor, 1615 L. Street, N.W.
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81.8%;
               US/07/692,995B
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Pred. No. 6.8e+02;
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Best Local
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                                                                                                       APPLICATION NUMBER: Japane FILING DATE: March 29, 199 ATTORNEY/AGENT INFORMATION: NAME: ROCHELLE K. Seide REGISTRATION NUMBER: 32,30 REFERENCE/DOCKET NUMBER: P
                 NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10112-0228
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/81
FILING DATE: March 19, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
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TITLE OF INVENTION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 861-3000
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SEQUENCE CHARACTERISTICS:
                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 408-2500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 8
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APPLICATION NUMBER:
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TELEFAX: (202) 822-
TELEX: 248453 CUSH
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18; Conservative
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NUCLEIC ACID
DEDNESS: single
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30 Rockefeller Plaza
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20-JUN-1990
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                                                                                                                                                                                    Japanese Appln. No. 5874254 75994/1996
29, 1996
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Pred. No. 7.
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Matches

LENGTH:

24 base pairs

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RESULT 241

US-08-859-998-59

; Sequence 59, Application US/08859998

; Patent No. 5994076
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                                                                                                                                                                 Matches
                                                                                                                                                                                              Query Match
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                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 32,300
REFERENCE/DOCKET NUMBER: A3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 408-2500
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: Japanese Appln. No. 5874254 75994/1996 FILING DATE: March 29, 1996 ATTORNEY/AGENT INFORWATION:
NAME: Rochelle K. Seide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/822,573
FILING DATE: March 19, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
ADDITIONATION NUMBER. TOOCOCO 1-1-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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Local Similarity 81.8%;
nes 18; Conservative
                                                                                                                                                                              Local
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STATE: New York
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10112-0228
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30 Rockefeller Plaza
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larity 81.8%;
Conservative
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Pred. No. 7.
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Pred. No. 7.3e+02;
0; Mismatches 4
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                                                                                                                                                                                                                                                                       Patent No. 6132954
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                          Sequence 16, Application US/08915498B Patent No. 6132954
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Jokhadze, George
APPLICANT: Bibliashvilli, Rober
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                             APPLICANT: James R. Lupski, Robert A. Britton, Donald L.
APPLICANT: Court and Bradford S. Powell
TITLE OF INVENTION: Methods of Screening for Agents that
TITLE OF INVENTION: Delay a Cell Cycle and Compositions Comprising ERA and an
TITLE OF INVENTION: of Wild-Type ERA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA FEATURE: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
                                                                                                       NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
ADDRESSEE: & No. 6132954ris LLP
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 09
TELECOMMUNICATION INFORMATION:
COMPUTER READABLE FORM:
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                    COUNTRY:
                                                   STREET: One -
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 21-MAN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Menlo Park
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
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                    19103
                                                                                       One Liberty Place -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Fish & Richardson, P.C.
2200 Sand Hill Road, Suite 100
                                    USA
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METHOD OF ASSAYING DIFFERENTIAL
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Pred. No. 7.3e+02
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US-08-915-498B-16
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
TELEFAX: (781) 861-9540 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            08-937-063-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                    CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: GRANAHAN, PATRICIA
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: BII
                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: VASCONCELLOS, LAURO
APPLICANT: SUTHANTHIRAN, MANIKKAM
TITLE OF INVENTION: METHODS OF EVALUATING TRANSPLANT
TITLE OF INVENTION: REJECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/023,353
FILING DATE: AUGUSE 20, 1996
ATTORNEY/AGENT INFORMATION:
                                                    TELEPHONE: (781) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
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                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                   STREET:
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                                                                                                                                                                          APPLICATION NUMBER: US/0 FILING DATE: 24-SEP-1997
                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
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REFERENCE/DOCKET NUMBER: BYLR-0037
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                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                   UNITED STATES
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ON: 435
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Pred. No. 7.3e
0; Mismatches
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Sequence 339, App.
Sequence 339, App.
Sequence 339, App.
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Best Local (
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                  PILING DATE: 16-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/990,860
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                  FILING DATE: 09-MAR-PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 23-JUN-
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                                                                                   FILING DATE: 10-DEC-
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 1
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TITLE OF INVENTION: Transgenic No. 6255458-Human Animals
TITLE OF INVENTION: Producing Heterologous Antibodies
                                                                                                                                          PRIOR APPLICATION DATA:
                                                                                                                                                                                             PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                        APPLICATION NUMBER: US 08/161,739 FILING DATE: 03-DEC-1993
                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: 26-AP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/OFFILING DATE: 13-MAR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
APPLICATION NUMBER: US 08/352,322 FILING DATE: 07-DEC-1994
                                                                   APPLICATION NUMBER:
                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 07/810,279 FILING DATE: 17-DEC-1991
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                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 CACACAAGAGGGCCTCCAGAGT 24
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Two Embarcadero Center, Eighth Floor
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                                                    NUMBER: US 08/209,741
09-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER: US 07/904,068
23-JUN-1992
                                                                                                                                                                                                                                                                                                                   NUMBER: US 08/053,131
26-APR-1993
                                                                                                                                                                                                             UMBER: US 08/155,301
18-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            UMBER: US 07/853,408
18-MAR-1992
                                                                                                       UMBER: US 08/165,699
10-DEC-1993
                                                                                                                                                                                                                                                              MBER: US 08/096,762
22-JUL-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Release #1.0, Version
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Pred. No. 7
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US-08-758-417A-187
; Sequence 187, Application US/08758417A
; Patent No. 6300129
; GENERAL INFORMATION:
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APPLICATION NUMBER: US 08/758,417

FILING DATE: 02-DEC-1996

PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: WO PCT/US97/2180

FILING DATE: 01-DEC-1997

ATTORNEY/AGENT INFORMATION:

NAME: APPLIC, Randoiph T.

REGISTRATION NUMBER: 36,429

REFERENCE/DOCKET NUMBER: 014643-0090

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (415) 576-030
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA
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APPLICATION NUMBER: WO PCT/US96/16433
FILING DATE: 10-OCT-1996
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APPLICATION NUMBER: 1
FILING DATE: 10-OCT-
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mes 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 08/544,404
                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/758,417A
FILING DATE: 02-Dec-1996
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH:
                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/728,463
FILING DATE: 10-CCT-1996
APPLICATION NUMBER: US 08/544,404
FILING DATE: 10-CCT-1995
APPLICATION NUMBER: US 08/352,322
FILING DATE: 07-DEC-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lonberg, Nils
Kay, Robert M.
KITTLE OF INVENTION: Transgenic No. 6300129-Human Animals for
Producing Heterologous Antibodies
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                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                               STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 15.6; DB 1; Length 24; Pred. No. 7.3e+02; 0; Mismatches 4; Indels
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      US 08/209,741
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 59, Application US/0922:
Patent No. 6352829
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
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SEQUENCE CHARACTERISTICS:
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                                                                                                                      COMPUTER: IBM Compatible
operating SYSTEM: Windows95
SOFTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-199
CLASSIFICATION: <UNnown>
PRIOR APPLICATION DATA:
                                                              APPLICATION NUMBER: 08/859,998 FILING DATE: 21-MAY-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                          ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 187:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 014643-009030US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4128 AAGCCACTGGACCCTCTCCCGG 4149
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TYPE: nucleic acid
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FILING DATE: 26-APR-1993
APPLICATION NUMBER: US 07/990,860
FILING DATE: 16-DEC-1992
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
                                                                                                                                                                                                                                                                                                                                                                              STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                               CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Serafini, Andrew T. REGISTRATION NUMBER: 41,303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/096,762 FILING DATE: 22-JUL-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 08/161,739 FILING DATE: 03-DEC-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/165,699 FILING DATE: 10-DEC-1993
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US-09-225-201B-59
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Best Local Similarity 81.8%;
Matches 18; Conservative
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                                                                                                                                                                                         TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
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TELEPHONE: 415-322-5070
TELEPAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION UNMBER: 109/225,201B
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAX-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
               OTHER INFORMATION: oligonucleotide primer SEQUENCE DESCRIPTION: SEQ ID NO: 59:
                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Jokhadze, George
Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
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                                                          FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Chenchik, Alex
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                                                                                   MOLECULE TYPE: DNA
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                                                                                                        LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: CA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/09225201B
                                                                                                   linear
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US-08-705-477E-124/c
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US-08-292-620A-1676/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Usest Local Similarity 81.8%;
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF FILE REFERENCE: 1769/41426-G
CURRENT APPLICATION NUMBER: US/08/705,477E
CURRENT FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3:1
SEQ ID NO 124
LENGTH: 24
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1676, Application US/08292620A Patent No. 5837542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No. 6569432
GENERAL INFORMATION:
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Israeli, Ron S
APPLICANT: Heston, Warren D.W.
APPLICANT: Fair, William R.
APPLICANT: Overfelli, Ouathek
APPLICANT: Pinto, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
                                   COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C SOFTWARE: Word Perfect 5. CURRENT APPLICATION DATA:
                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RIBABES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
                                                                                                                                                                        COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                             ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                           CITY: Los Angeles
APPLICATION NUMBER: US/08/292,620A FILING DATE: August 17, 1994
                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4780 GGCTTCTCAGTTCTTTGGTTGG 4801
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James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sean Sullivan
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Stinchcomb
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81.8%; Pred. No. 7.3e+02;
ative 0; Mismatches 4;
                                                                          IBM P.C. DOS 5.0
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Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
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Best Local Similarity
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         APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including appl
PRIOR APPLICATION DATA: including appl
PRIOR APPLICATION DATA: described belo
APPLICATION UNMBER: 08/008,995
FILING DATE: January 19, 1993
FILING DATE: January 19, 1993
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PRIOR APPLICATION DATA: including a
PRIOR APPLICATION DATA: described b
PRIOR APPLICATION DATA: described b
PRIOR APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
APTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         08-292-620A-1680/c
                                                                                                                          COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. D
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/29
FILING DATE: August 17, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     equence 1680, Application US/08292620A
atent No. 5837542
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                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                   STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Kenneth G. Draper
FENTION: RIBOZYME TREATMENT OF
FENTION: DISEASES OR CONDITIONS
FENTION: RELATED TO LEVELS OF
FENTION: INTRACELLULAR ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Susan Grimm
Dan T. Stind
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                                                                                                                                                                                                     IBM P.C. DOS 5.0
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                                                   including application described below:
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Pred. No. 4.2e+02;
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US-08-849-021-3/c
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SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
ITPE: nucleic acid
STRANDEDNESS: single
TOROICGY: 1 inear
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Best Local Similarity 94.1%;
                                                                                        TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,45
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
                                                                                                                                                                                                                                                                                                                         SOFTWARE: PATENT IN RECURRENT APPLICATION DATA:
MOLECULE TYPE:
-849-021-3
                                                                                                                                   REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: VOGEL, JULIE M. TITLE OF INVENTION: COMPOUTITLE OF INVENTION: PRIMER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPAX: 1211
TELEPAX: 67-3510
TEX: 67-3500
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 435
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CITY: WILMINGTON
STATE: DELAWARE
                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (213) 955-0440
                              TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                       COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 19898
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard
REGISTRATION NUMBER: 32
                                                                          LENGTH:
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                                                         nucleic acid
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                                                                       17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1007 MARKET STREET
                                                                                                                                                                                                                                                                                                                                                                     IBM PC COMPATIBLE
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              DNA (genomic)
                                            single
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                                                                                                                                                                                                                                                                                                                                     PC-DOS/MS-DOS
IN RELEASE #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DETECTION OF GENETIC POLYMORPHISMS
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Pred. No. 4
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1.2e+02;
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                                                                    US-08-849-021-5
                                                                                      RESULT 253
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                                                                                                                                                                                                                                                                           US-08-849-021-4
Sequence 5, Application US/08849021
Patent No. 5955276
GEMERAL INFORMATION:
APPLICANT: MORGANTE, MICHELE
                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                        Query Match
Best Local ?
                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Appl
Patent No. 59557
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 16; Conserv
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FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: 33,692
REFERENCE/DOCKET NUMBER: 30-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: MORGANTS, MICHELE APPLICANT: WOGEL, JULIE M.
TITLE OF INVENTION: COMPOUND M
TITLE OF INVENTION: DETECTION
TITLE OF INVENTION: POLYMORPHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 1007 MAR
CITY: WILMINGTON
STATE: DELAWARE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: E. I. DU PONT DE NEMOURS AND ADDRESSEE: COMPANY,
                                                                                                                                                        270 CTCTCTCTCTTTCTCTC 286
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16; Conserv
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VENTION: COMPOUND MICROSATELLITE
                                                                                                                                                                                                                                                                                                                                                                                                               302-992-7949
                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    U.S.A.
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                                                                                                                                                                                                                      0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      POLYMORPHISMS
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                                                                                                                                                                                                                        Score 15.4; DB 1;
Pred. No. 4.2e+02;
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                                                                                                                                                                                                        Mismatches
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                                                                                                                                                                                                                                      DB 1; Length 17;
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US-08-849-021-6
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APPLICATION NUMBER: 08/346,456

PILING DATE: 28 NOVEMBER 1994

ATTORNEY/AGENT INFORMATION:

NAME: FLOYD, LINDA AXAMETHY

REGISTRATION NUMBER: 33,692

REFERENCE/DOCKET NUMBER: BB-106:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 302-892-8112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION: PRII
TITLE OF INVENTION: DET
TITLE OF INVENTION: POL
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
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STREET: LOU.
CITY: WILMINGTON
CTATE: DELAWARE
TO S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                       CITY: WILMINGTON
                                                                                                                      ADDRESSEE: E. I. D
ADDRESSEE: COMPANY
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                                                     COUNTRY:
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ADDRESSEE: COMPANY
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                                                                     DELAWARE
                                                                                                        1007 MARKET STREET
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                                                     U.S.A.
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 FLOPPY DISK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.3%; Score 15.4; DB 1;
94.1%; Pred. No. 4.2e+02;
                                                                                                                                           DU PONT DE NEMOURS AND
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                                                                                                                                                                                                                                                   COMPOUND MICROSATELLITE
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Gaps

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US-08-460-890A-8
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INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
17 base pairs
17 base pairs
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                                                                                                        OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,890A
FILLING DATE: June 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-106
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
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APPLICANT: WOO, Savio L.C.
APPLICANT: Smith, Louis C.
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PATENT IN RELEASE #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
APPLICATION NUMBER: PCT/US93/02725
FILLING DATE: March 19 1007
                                       FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
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                                                                                           APPLICATION NUMBER:
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SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                     IBM Compatible
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Pred. No. 4.
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US-08-167-641C-8
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                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/167,641C
FILING DATE: December 14, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/855,389
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTONNEY/AGRAT INFORMATION:
NAME: Warburg, Richard J.
REFERENCE/DOCKET NUMBER: 206/012
TREFERENCE/DOCKET NUMBER: 206/012
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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APPLICANT: WOO, S
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 633 COUNTRY: Los Angeles STATE: California COUNTRY: U.S.A.
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: NUCLEIC ACID TITLE OF INVENTION: METHODS OF USE NUMBER OF SEQUENCES: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: "C" stands for 5-methylcytosine
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ADDRESSEE: Lyon & Ly
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                         TELEPHONE: (213) 955-0440
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TELEX: 67-3510
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                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: storage
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TOPOLOGY: linear
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16; Conservative
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EDNESS: single
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633 West Fifth Street
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Gottchalk, Stephen
VENTION: NUCLEIC ACID
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Pred. No. 4
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                              APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                NFORMATION FOR SEQ ID NO:
                                                                                                                              REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE: OTHER INFORMATION: "C" stands for 5-methylcytosine
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CURRENT APPLICATION DATA:
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TITLE OF INVENTION:
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                                                                SEQUENCE CHARACTERISTICS
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STATE: California
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            STRANDEDNESS:
                                                                                                                 TELEFAX:
                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
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                                            ENGTH:
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                          nucleic acid
                                                                                                 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Suite 4700
                                                                                                                (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   VENTION: RIBOZYME TREATMENT OF VENTION: RIBOZYME TREATMENT OF VENTION: DISBASES OR CONDITIONS VENTION: RELATED TO LEVELS OF VENTION: INTRACELLULAR ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/09071845
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Sean Sullivan
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linear
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Pred. No. 4.2e+02;
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US-09-071-845-1680/c
                                                                  US-09-071-845-1680
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Best Local Similarity
Matches 16; Conserv
                 Query Match
Best Local Similarity
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 Matches
                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US/08/292,621
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
                                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                  FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                              REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
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STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                              STRANDEDNESS: sir
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                 NAME: Warburg, Richard
REGISTRATION NUMBER: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Californ COUNTRY: U.S.A.
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                                                                                                                                                                                                  (213) 955-0440
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VENTION: RIBOZYME TREATMENT OF
VENTION: DISEASES OR CONDITIONS
   Conservative
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                 0.3%;
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Pred. No. 4.2e+02;
                 Score 15.4; DB 1;
Pred. No. 4.2e+02;
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                              Length 17;
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   Indels
0; Gaps
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                                                     US-08-462-040-8
                                                                      RESULT 260
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Sequence 8, Application US/08462040 Patent No. 6177554 GENERAL INFORMATION:
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                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                  Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                           FEATURE: OTHER INFORMATION: "C" stands for 5-methylcytosine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/
FILING DATE: June 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (213) 489-1600
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 21:
                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
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: California
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                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                  0.3%; Score 15.4; DB 1; Length 17; 94.1%; Pred. No. 4.2e+02;
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                                                                                                                                                                               Sequence 1345, Application US/09866108A Patent No. 6686188
                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: June 5, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/027;
APPLICATION NUMBER: PCT/US93/027;
FILING DATE: March 19, 1993
ATTORNEY/AGRAT INFORMATION:
NAME: Warburg, Richard J.
                                                                      APPLICANT:
                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                          APPLICANT: GU, Yizhong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FastSEQ for CURRENT APPLICATION NUMBER: US
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APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: MUCLEIC ACID TE
TITLE OF INVENTION: METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.
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STATE: California
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                                                                                                                                                                                                                                                                                                                   279 TTTCTCTCTCTCTCTCT 295
                                                                                                                                                                                                                                                                                                                                                                       16;
PENN, Sharron G.
HANZEL, David K.
RANK, David K.
CHEN, Wensheng
HANZEL, Mensheng
HANNON, Mark
INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (213) 955-0440
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                                                                                                                                                                                                                                                                                                                                                                                         0.3%; Score 15.4; DB 1;
94.1%; Pred. No. 4.2e+02;
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US-09-866-108A-1345
                                                                                                                                                       PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR PRILOR TION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local
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SEQ ID NO 1345
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Patent No. 6686188
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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PRIOR FILING DATE: 2000-05-26
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FILING DATE: 2001-01-30
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                                                                                                                                                           FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
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HANZEL, David K.
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PCT/US01/00665
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Pred. No. 4.
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                                                                                                                                                 ; Patent No. 66861
; SEQ ID NO 1347
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                                                                                            ; ORGANISM: Homo sapiens
US-09-866-108A-1347
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US-09-866-108A-1346
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LENGTH: 17
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Best Local Similarity
Matches 16; Conserv
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                        SOFTWARE: Aeomica Sequence Listing Engine atent No. 6686188
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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                                                                                                                                 LENGTH: 17
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
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APPLICATION NUMBER: PCT/US01/00667
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6686188
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N, Sharron
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Pred. No. 4
                                      Score 15.4; DB 1;
Pred. No. 4.2e+02;
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
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PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
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PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
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Sequence 5, Application US/09437076
PATENT NO. 6281779
GENERAL INFORMATION:
APPLICANT: Barber-Guillem, Emilio
APPLICANT: Nelson, M. Bud
APPLICANT: Castro, Stephanie
TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use
CURRENT APPLICATION NUMBER: US/09/437,076
CURRENT FILING DATE: 1999-11-09
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SEQ ID NO 8198
LENGTH: 17
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART
FILE REFERENCE: AEGMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo sapiens
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t No. 6686188
                                                                                                                                                                                                                                                                                                                                                                                        3873 ATCAAGCCTTCCAGATC 3889
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 15.4; DB 1;
Pred. No. 4.2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 17
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; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-5
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US-08-849-021-75/c
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; OTHER INFORMATION: synthesized
US-09-437-076-6
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US-09-437-076-6
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Patent No. 6261779
GENERAL INFORMATION:
APPLICANT: Barber-Guillem, Emilio
APPLICANT: Nelson, M. Bud
APPLICANT: Castro, Stephanie
TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to current APPLICATION NUMBER: US/09/437,076
CURRENT FILING DATE: 1999-11-09
EARLIER APPLICATION NUMBER:
EARLIER FILING DATE: 1999-11-09
EARLIER FILING DATE: 1999-11-09
EARLIER FILING DATE: SOOTWARE: Word for Windows
SOOTWARE: Word for Windows
SOOTWARE: Word for Windows
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LENGTH: 18
                                                                                                                                                                                                                         Sequence 75, Application US/08849021 Patent No. 5955276
                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local (
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                                             APPLICANT: MORGANTE, MICHELE
APPLICANT: VOGEL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: POLYMORPHISMS
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EARLIER FILING DATE:
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Word for Windows
                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial sequence FEATURE: NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 18
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                 ADDRESSEE: E. I. DI
ADDRESSEE: COMPANY
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1007 MARKET STREET
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94.1%; Pred. No. 4.7e+02
                                     DU PONT DE NEMOURS
                                                                                                                                                  COMPOUND MICROSATELLITE
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US-09-501-192-3
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                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cui, Jisong
APPLICANT: Lo, Jane-Ling
APPLICANT: Lo, Jane-Ling
APPLICANT: Mount, George R.
TITLE OF INVENTION: MONKEY GONADOTROPIN RELEASING HORMONE
TITLE OF INVENTION: RECEPTOR
FILE REFERENCE: 20139Y
CURRENT APPLICATION NUMBER: US/09/501,192
CURRENT FILING DATE: 2000-02-112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                        LOCATION: (1)...(19)
OTHER INFORMATION: n=A, C,
-09-501-192-3
                                                                                                                                                                                                                                                                                                 EARLIER APPLICATION NUMBER: 60/138,135
EARLIER FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: 60/121,780
EARLIER FILING DATE: 1999-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 302-992-7949 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                        LENGTH: 19
TYPE: DNA
                                                                                                    FEATURE:
NAME/KEY: misc_feature
                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                 OTHER INFORMATION: Artificial Primer
                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 33,692
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
TELEPROV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,45
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FICTO TINDA NOADENTY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
mes 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: FLOYD, LINDA AXAMETHY REGISTRATION NUMBER: 33,692
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
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0.3%;
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Pred. No. 5
Score 15.4; DB 1;
Pred. No. 5.2e+02;
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                   Length 19;
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RESULT 270
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Best Local Similarity
Watches 16; Conserve
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                                                                                                                        US-08-478-178A-90/c
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                          Sequence 90, Application US/08478178A
Patent No. 5882927
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No. 5266459
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US, FILING DATE: 19200224 CLASSIFICATION: 435 PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 1001la CITY: La Jolla CATE: CA
                                                                                                                                                                                                                                                                                                                                              HYPOTHETICAL:
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CORRESPONDENCE ADDRESS
                TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Bingham, Douglas A
REGISTRATION NUMBER: 32,457
REFERENCE/DOCKET NUMBER: SCR0670P
                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: BI
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o. 526645!
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                                                                                                                                                                                                                                                                                                                                                                                                                         20 base pairs
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94.1%;
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Pred. No. 5.8e
0; Mismatches
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                              Kinase
                                                                                                                                                                                                                                                    Gaps
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ADDRESSEE:

Woodcock Washburn Kurtz Mackiewicz & No. 588292

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; ANTI-SENSE:
US-08-478-178A-90
                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-488-177-90/c
                                                                                                                                                                                                                                                                                                   Patent No. 5885970
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein Kinase C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                   Sequence 90, Application US/08488177 Patent No. 5885970
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: 1516-1154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PS/4
COMPUTER: IBM PS/4
COPERATING SYSTEM: PC-DOS
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDDERFECT 5.1
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
US/08/478,178A
                                                           OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 1
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                              ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5885970ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                             APPLICATION NUMBER: US/08/488,177 FILING DATE: 07-JUN-1995
                                                                                                               COMPUTER: IBM PS/2
                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: One Liberty Place - 46th Floor CITY: Philadelphia
                 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH:
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Pred. No. 5.8e+02;
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                                                                                                                                  STORAGE
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                            Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
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                                                                                                                                                                                                                      FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BRAMAN, SUSAN J.
REGISTRATION NUMBER: 194,103
REFERENCE/DOCKET NUMBER: 1960
TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-263-1636
                                                                                                                                                                                               TELEFAX: 716-263-1600 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Cesarm
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: CITY: Rochester
CITY: Rochester
TATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
NAME: TIMBER: 38,
                                                                                                     TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FITLE OF INVENTION:
                                                                                                                             LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: NIXON, HARGRAVE, DEVANS & DOYLE LLP
STREET: Clinton Square, P.O. Box 1051
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4650 GGAGCTGAAGAGTCTGG 4666
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Similarity 94.1%;
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                             Conservative
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Knowles, Daniel M.
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                                          Score 15.4;
Pred. No. 5
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Pred. No. 5.8e+02;
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                             Mismatches
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                                           .Be+02
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                             Indels
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US-08-664-336-90/c
; Sequence 90, Application US/08664336
; Patent No. 5922686
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US-08-481-072A-90/c
; Sequence 90, Application US/08481072A
; Patent No. 5916807
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,072A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 852,852
FILING DATE: MARCH 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 15152
REFERENCE/DOCKET NUMBER: 1515-1154
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECAX: (215) 568-3100
TELECAX: (215) 568-3130
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
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Best Local
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                                                                                                                                                                                                                        GENERAL INFORMATION:
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GENERAL INFORMATION:
                                                                                                                       APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
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TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM: PC-DOS
OPERATE: WORDPERFECT 5.1
SOFTWARE: WORDPERFECT 5.1
                                    STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5916807ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
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                                                         ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5922686ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
COUNTRY: USA
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                                                                                                                    OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/48
FILING DATE: herewith
CLASSIFT...
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Best Local
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FILING DATE: MARCh 16, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 089,996
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
                     CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (215) 568-310
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ANTI-SENSE:
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PRIOR APPLICATION DATA:
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SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
FILING DATE: herewith
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MEDIUM TYPE: DISKETT
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                          STATE: PA
COUNTRY: US
ZIP: 19103
                                                                                                                                                                                                                                                                                                                                                                   STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5959096ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
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    REGISTRATION NUMBER:
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Rebecca Ralph Gaumond
VATION NUMBER: 35,152
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; TYPE: nucleic acid
; STRANDEDNESS: singl
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-481-066A-90
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                                                                        US-08-578-615A-98
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GENERAL INFORMATION:
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Best Local Similarity 94.1%;
Matches 16; Conservative
                                   Query Match
                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 19103
ZOMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5:
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION UNMER: US/08/5:
FILING DATE: 11-JAN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (215) 568-3439
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                            TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP STREET: One Liberty Place - 46th Floor
                                                                                          ANTI-SENSE:
                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
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                                                                             TOPOLOGY: 11mc
                  Y Match 0.3%;
Local Similarity 94.1%;
                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                               TELEPHONE:
                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: One Liberty
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER:
                                                                                                                                                             LENGTH:
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   Conservative
                                                                                                     linear
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                Score 15.4; DB 1; Length 20; Pred. No. 5.8e+02;
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Pred. No. 5.8e+02;
 Mismatches
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Gaps
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RESULT 278
US-08-927-219-104
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                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                               Sequence 104,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 716-263-160
TELEFAX: 716-263-1600
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                              GENERAL INFORMATION:
                               APPLICANT: Horikawa, Yukio
APPLICANT: Menzel, Stephen
TITLE OP INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
TITLE OP INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
TITLE OP INVENTION: AND HNF-4ALPHA
TITLE OP INVENTION: AND HNF-4ALPHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: BRAMAN, SUSAN J.
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-263-1636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cesarman, Ethel
APPLICANT: Knowles, Daniel M.
TITLE OF INVENTION: PROTEINS OF KAPOSI'S SARCOMA ASSOCIATED
TITLE OF INVENTION: HERPESVIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/728,603
FILING DATE: 10-OCT-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                              APPLICANT:
                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                        4650 GGAGCTGAAGAGTCTGG 4666
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                                                                                                                                                                                                                                                               Application US/08927219
                                                                                                                            Kaisaki, Pamela J.
Furuta, Hiroto
                                                                                                                                                                    Yamagata, Kaz
Oda, Naohisha
                                                                                                                                                                                                          Bell, Graeme I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DNA (genomic)
                                                                                                                                                                                    Kazuya
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ADDRESSEE:

Arnold, White & Durkee

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TOPOLOGY:
US-08-927-219-104
                                                   Query Match 0.3%;
Best Local Similarity 94.1%;
Matches 16; Conservative
                                                                                                                                                                                                         SEQ ID NO 40
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.3%;
Best Local Similarity 94.1%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
TIPLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
FILE REFERENCE: RTS-0144
                                                                                                                                                                                                                                                                                                                                                             Sequence 4. Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide -09-560-594-40
                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/560,594
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 60/029,679
FILING DATE: 30-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 60/028,056
FILING DATE: 02-OCT-1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 10-SEP-1996
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 514/1-7577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Wilson, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: AR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: P.O. E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 60/025,719 FILING DATE: 10-SEP-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
1375 CTCCGCACCGGCCCTCC 1391
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MA. 6242590
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Pred. No. 5.8e
0; Mismatches
                                                   Score 15.4; DB 1;
Pred. No. 5.8e+02;
0; Mismatches 1
                                                                                  DB 1; Length 20;
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                                                      Indels
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RESULT 280
US-08-829-637A-90/c
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Patent No. 6
                                                                                                                     PILING DATE: 15-OCT-1991

PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION UMBER: US 07/852,852

FILING DATE: 16-MAR-1992

PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION UMBER: PCT/US91/00243

FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 06-JUN-1S
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 09-JUL-1S
                                                                                                                                                                                                                                        FILING DATE: 16-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777 767
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/058,023
FILING DATE: 05-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,007
PRIOR TO NUMBER: US 07/777,007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/481,066
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/470,129
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                     APPLICATION NUMBER: FILING DATE: 13-AUG-PRIOR APPLICATION DATA:
                                                                                                FILING DATE: 11-JAN-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 06-JUN-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
APPLICATION NUMBER: FILING DATE: 11-JAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: herewi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: John W. Caldwell (28,937) Woodcock
ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             C. Frank Bennett
Phillip Dan Cook
Nicholas Dean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER: US 08/469,851
06-JUN-1995
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                                                                                                                   11-JAN-1991
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                                                           13-AUG-1990
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09-JUL-1993
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PHOSPHOROTHIOATE LINKAGES OF HIGH CHIRAL PURITY AND
WHICH MODULATE BI, BII, , k, n, AND ISOFORMS OF
PROTEIN KINASE C
                                                                              US 07/566,977
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                  US 07/436,358
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 281
US-09-920-672-74/c
                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                     Sequence 9, Application US/09622277 Patent No. 6521407
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                        APPLICANT: Warenius, Hilmar Meek
APPLICANT: Seabra, Laurence Anthony
TITLE OF INVENTION: METHODS FOR DETERMINING CHEMOSENSITIVITY OF CANCER CELLS BASED UF
TITLE OF INVENTION: EXPRESSION OF NEGATIVE AND POSITIVE SIGNAL TRANSDUCTION FACTORS
FILE REFERENCE: 1417-188
CURRENT APPLICATION NUMBER: US/09/622,277
CURRENT FILING DATE: 2000-10-25
CURRENT FILING DATE: 2000-10-25
                                  PRIOR APPLICATION NUMBER: PCT/GB99/00500 PRIOR FILING DATE: 1999-02-18 PRIOR APPLICATION NUMBER: GB 9903035.5 PRIOR FILING DATE: 1999-02-10 PRIOR APPLICATION NUMBER: GB 9814545.1 PRIOR PILING DATE: 1998-07-03 PRIOR APPLICATION NUMBER: GB 9812151.0 PRIOR APPLICATION NUMBER: GB 9812151.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Mark J. Graham
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID
FILE REFERENCE: RTS-0251
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TELECONMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 90:
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TYPE: DNA
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STRANDEDNESS: single
FILING DATE: 1998-06-05 APPLICATION NUMBER: GB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3046 ACTICCAGGGGAGATC 3062
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Pred. No. 5.8e
0; Mismatches
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Pred. No. 5.8e+02;
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.8e+02;
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RESULT 284
US-09-198-452A-6438/c
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US-10-025-139-90/c
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CURRENT APPLICATION NUMBER: US/10/025,139

CURRENT FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 08/829,637

PRIOR FILING DATE: 1997-03-31

PRIOR APPLICATION NUMBER: US 08/478,178

PRIOR APPLICATION NUMBER: US 08/478,178

PRIOR APPLICATION NUMBER: US 08/089,996

PRIOR APPLICATION NUMBER: US 08/089,996

PRIOR APPLICATION NUMBER: US 07/852,852
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                                                     Sequence 6438, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and
TITLE OF INVENTION: thereof and uses thereof, in particular f
TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 90
LENGTH: 20
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NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                    TITLE OF INVENTION: and treatment of FILE REFERENCE: 9710-003-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn ver
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Dean, Nicholas M. APPLICANT: Holmlund, Jon T. APPLICANT: Dorr, F. Andrew
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: GB 9803446.5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bennett,
                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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94.1%; Pred. No. 5.8e+02
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Pred. No. 5
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                                                               Matches
                                                                                             Query Match
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GENERAL INFORMATION:
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Best Local Similarity
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SEQ ID NO 6438
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: WORDPERFECT 5.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/
FILING DATE: herewith
CLASSIFICATION:
                                                                                                                                                                                                                     TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
NFORMATION FOR SEQ ID NO: 98:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Chlamydia pneumoniae
                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                      FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Oligonucleotide Modulation of TITLE OF INVENTION: Protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PS/2
OPERATING SYSTEM: 1
                                                                            Local Similarity
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                              463 GTGGGTCCTGGGGGTGC 479
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                                                               Conservative
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                                                                            0.3%;
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                                                                            Score 15.4; DB 1;
Pred. No. 5.8e+02;
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Pred. No. 5.8e+02;
                                                               Mismatches
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US-09-422-978-11523/c
Sequence 11523, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
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, Sequence 27, Application US/08477928A
, Patent No. 6207389
, GENERAL INFORMATION:
   APPLICANT: DOSCh, Hans M.
   APPLICANT: DOSCh, Hans M.
   TITLE OF INVENTION: LYMPHOCYTE MBI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 286
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11523
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best
                                                                                                        CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (202) 639 78
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/477,928A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC comparible
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Remenick, James
REGISTRATION NUMBER: 36902
REGISTRATION ET UMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 639 7700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
les 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/0.
FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 1299 Pennsylvania Avenue CITY: Washington D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         METHODS FOR CONTROLLING T
LYMPHOCYTE MEDIATED IMMUNE RESPONSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%; Score 15.4; ]
94.1%; Pred. No. 6.3;
tive 0; Mismatches
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27:
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FILE REFERENCE: 50110/002005

CURRENT APPLICATION NUMBER: US/09/526,193A

CURRENT FILING DATE: 2000-03-15

PRIOR APPLICATION NUMBER: 60/124,702

PRIOR FILING DATE: 1999-03-15

PRIOR APPLICATION NUMBER: 60/138,048

PRIOR FILING DATE: 1999-06-08

PRIOR APPLICATION NUMBER: 60/139,600
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; Sequence 170, Application US/09526193A
; Patent No. 6617122
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US-09-422-978-11523
                                                                                                                                                                                                                                                                                                                                       US-09-526-193A-171/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR APPLICATION NUMBER: 60/151,977
                                                                                                                                                                                                                                                                                                                    Sequence 171, Application US/09526193A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 170
LENGTH: 21
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                                                                                                                                                                                                                                                                                                Patent No. 6617122
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Best Local Similarity
                                                                                                                                                                APPLICANT: Hayden, Michael R.
APPLICANT: Brooks Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
TITLE OF INVENTION: CHOLESTEROL LEVELS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapiens
-09-526-193A-170
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APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
TITLE OF INVENTION: CHOLESTEROL LEVELS
FILE REFERENCE: 50110/002005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/526,193A CURRENT FILING DATE: 2000-03-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: primer_bind LOCATION: 1..21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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Pred. No. 6.3e+02;
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Pred. No. 6.
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GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 287
SÖFTWARE: FASE SEQ for Windows Version
SEQ ID NO 171
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-526-193A-171
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US-09-657-472-894
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GRNERAL INFORMATION:
APPLICANT: Heska Corporation
APPLICANT: MCCall, Catherine A.
APPLICANT: Tang, Liang A.
APPLICANT: Tang, Liang A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.1
SEQ ID NO 103
LENGTH: 21
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
                                                                                                                                                                                                                                                                                                 Patent No. 67270
                                                                                                                                                                                                                                                                                                                         Sequence 894,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 103,
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
APPLICANT: McCarthy, Jeanette J.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR APPLICATION NUMBER: US 60/220,947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Synthetic Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3499 GGAAGAACGCAGGGGAC 3515
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ilarity 94.1%;
Conservative (
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94.1%; Pred. No. 6.3e+02
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Pred. No. 6.3e+02
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 21;
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US-09-657-472-894
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PCT-US91-03680-36
                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: NUCLEIC ACID
TYPE: NUCLEIC ACID
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Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 894
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 21
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                             NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 46:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/0368
FILING DATE: 19910524
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 1:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Matteucci, Mark D. APPLICANT: Krawczyk, Steven
                                                        FEATURE:
                                                                                                      FEATURE: modified_base LOCATION: 2..4
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                     OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
                                                                                                                                                        OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 19
CLASSIFICATION:
                                     NAME/KEY:
                                                                                                                                                                                          LOCATION:
                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: 415-327-72
TELEFAX: 415-327-2951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                 OCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        94025
   INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application PC/TUS9103680
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                                 modified_bese
                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Morrison & Foerster
                                                                                                                                                                                                                                                          single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE-SPECIFIC NONPHOTOACTIVATED CROSSLINKING AGENTS WHICH BIND TO THE DUPLEX DNA
                                                                                   /mod_base= OTHER
                                                                                                                                                      /mod_base= OTHER
/note= "N4,N4-ethanocytosine"
/mod_base= OTHER
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                                                                                                                                                                                                                                                                                                                             36:
                                                                                                                                                                                                                                                                                                                                                                                                                 4610-0011.40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 15.4; DB 1;
Pred. No. 6.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BIND TO THE MAJOR GROOVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 21
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                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Applic
Patent No. 6399294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                  APPLICANT:
              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                         COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: /note= "5-methylcytosine" FEATURE:
                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                     TITLE OF INVENTION: NUCLEOTIDE SEQUEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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                                                                                                                                                      STREET: 1300 I St
CITY: Washington
                                                                                                                                                                       ADDRESSEE: Finnegan, Henderson, Farabow, Garrett
ADDRESSEE: Dunner, L.L.P.
STREET: 1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: modified_base
LOCATION: 17
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: /mod_base= OTHER OTHER INFORMATION: /note= "5-methylcytosine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: /mod_base= OTHER OTHER INFORMATION: /note= "5-methylcytosine"
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                                                                                                                                                                                                                                                                                                                  QUILLENT, CAROLI
GUETARD, DENISE
MONTAGNIER, LUC
                                                                                                                                                                                                                                                                                                                                                                CLAVEL, FRANCOI
BORMAN, ANDREW
                                                                                                                                                                                                                                                                                     DONJON DE SAINT-MARTIN, JACQELINE COHEN, JAQUES
                                                                                                                                                                                                                                                                                                                                                                                CHARNEAU, PIERRE CLAVEL, FRANCOISE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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/note= "5-methylcytosine"
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/note= "5-r
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/note= "5-methylcytosine"
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US/08/817,441
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Pred. No. 6
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FILING DATE:

11-JUL-1997

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 111,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                            MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/977,284A
FILING DATE: 13-NOV-1992
CLASSIFICATION SATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
APPLICATION NUMBER:
APPLICATION DATA:
APPLICATION NUMBER:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03260.6005-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: Other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
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FILING DATE: 03-MAR-1995
ATTORNEY/AGENT INFORMATION:
                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 26 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: FR 9412554
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APPLICATION NUMBER: PCT/FR 95/01391
FILING DATE: 20-OCT-1995
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Local Similarity 76.2%;
les 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
NAME: DeLuca, Mark REGISTRATION NUMBER: 33,229
                                                                                                                                                                                                                                                                      ZIP: 19103
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH:
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5558988
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One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                  Hopkinson, Ian
Ahmad, Nilofer Nina
Ahmad, Nilofer Nina
Arantion: METHODS OF DETECTING A GENETIC
                                                                                                                                                                                                                                                                                       USA
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Baldwin, Clinton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ala-Kokko, Leena
Williams, Charlene J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
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Pred. No. 7.5e+02;
2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
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; ANTI-SENSE: NO
US-07-977-284A-111
                                                                                                                              US-08-250-856A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 27, Application US/08250856A
Patent No. 5563255
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                       FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,7
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: May 31, CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                          TOPOLOGY: Line
                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
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                                                             Local Similarity hes 17; Conserv
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OPERATING SYSTEM:
SOFTWARE: WORDPEI
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                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                           TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U
ZIP: 08002
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                                                                                                                                                                                                           LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4158 GCTGGCTCCTCCTGCCCAGC 4177
                           4155 ccrecrecrecrecrece 4174
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l Similarity 85.0%;
17; Conservative
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CCTGCTGGCTTCTCCTCCTC 20
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                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                         May 31, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                          Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SINGLE
                                                                                                                                                                                                                                                            779-8488
                                                             0.3%; Score 15.2; DB 1;
85.0%; Pred. No. 6.3e+02;
ative 0; Mismatches 3
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Pred. No. 6.3e+02
0; Mismatches
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                                                             Gaps
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US-08-117-952-43/c
                                                                                                                                                                                                                                            US-08-468-037A-13
                                                                                                                                                                                                     Sequence 13, Application US/08468037A Patent No. 5859221
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                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELECHONE: 619-546-4737
                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
US 08/078,471
                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: 01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPETWARE: PATENTI PATENT
                                                                                                            APPLICANT: Phillip Dan Cook
APPLICANT: A. Kawasaki
TITLE OF INVENTION: 2'-Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
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CURRENT APPLICATION DATA:
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APPLICANT: Smith, Michael W.

TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                           STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                 Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: 07-SE
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ZIP: 9007:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
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Pred. No. 6.3e+02
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM CC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordberfect 5.1
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/471,973A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 835,932
FILING DATE: 05-MAR-1992
ATTORNEY AGENT INFORMATION:
NAME: JOSEPH LUCC!
REGISTRATION NUMBER: 33,307
REGISTRATION NUMBER: ISIS
TELECOMPUNICATION INFORMATION:
TELEPHONE: 215-568-3100
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PRIOR APPLICATION DATA:
APPLICATION UNMBER: 835,932

FILING DATE: 05-MAR-1992

ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH Lucci

REGISTRATION NUMBER: 33,307

REFERENCE/DOCKET NUMBER: 1SIS

TELECHMUNICATION INFORMATION:
TELEPHONE: 215-568-3100

TELEPHONE: 215-568-3439
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                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No.
STREET: One Liberty Place - 46th Floor
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SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
COMPUTER: IBM PC com
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 06-JU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH:
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.3%; Score 15.2; DB 1;
85.0%; Pred. No. 6.3e+02;
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RESULT 300
US-08-256-426B-111/c
; Sequence 111, Application US/08256426B
; Patent No. 5948611
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TOPOLOGY: line
ANTI-SENSE: yes
US-08-471-973A-13
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                                                                                                                                          Query Match
Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 0101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole,
STREET: 6300 Sears Tower, 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Mak, Tak w.
APPLICANT: Reitmaier, Armin
APPLICANT: Reitmaier, Armin
APPLICANT: Reitmaier, Armin
                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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                                                                                                                                                                                                                                                                                                             TELEFAX: 312,
TELEFAX: 25-3856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
les 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
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                                                                                                        2068 ACAAGGGAGCCGTGGGGGTG 2087
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85.0%;
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0; Mismatches
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Pred. No. 6.3e+02;
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South Wacker Drive
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ches 3;
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US-08-756-806A-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US93/10964
FILLING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILLING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: MARK Deluca
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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TOPOLOGY: LIN
ANTI-SENSE: NO
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PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: PCT/US93/10964
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: TJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                   CORRESPONDENCE ADDRESS:
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                           STREET: 00 Mariton
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                         Local
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            COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
                                                                                                                                                                                                                                                                                              4158 GCTGGCTCCTCCTGCCCAGC 4177
                                                                                                                                                                                                                                                                                                                     0.3%;
al Similarity 85.0%;
17; Conservation
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Williams, Charlene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ritvaniemi, Perti
Baldwin, Clinton
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                                                                                                                                                                                                                                                                                                                                                                                                                 LINEAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (215)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Windows 3.1
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Sequence 27, Application US/08756806A

Patent No. 595229

GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonuclectide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 65
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Hopkinson, Ian
Ahmad, Nilofer Nina
VENTION: Methods of Detecting A Genetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 15.2; DB 1;
Pred. No. 6.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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RESULT 302
US-08-465-880-13
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sest Local Similarity 85.0%;
Matches 17; Conservative
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Sequence 13, Appr-
Sequence 13, Appr-
Sequence 13, Appr-
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 244,993

FILING DATE: 21-JUN-1994

ATTORNEY/AGENT INFORMATION:

NAME: JOSEPH Lucci

REGISTRATION NUMBER: 33,307

REFERENCE/DOCKET NUMBER: 1515-2002

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION: APPLICANT: Philip
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/071
PILING DATE: MAY 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: MAY 31, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (609) 779-240
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 2
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Philip Dan Cook
TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955589ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordberfect 5.1
                                                                                                                                                                                                                          SOFTWARE: WordPerfect 5.1 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                APPLICATION NUMBER: US FILING DATE: Herewith CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                       STREET: One Libert CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/756,806A FILING DATE: No. S952229ember 26, 1996
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Pred. No. 6.3e+02;
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Best Local Similarity
Matches 17; Conserv:
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US-09-130-114-34
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US-09-130-114-34/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.3%;
Best Local Similarity 85.0%;
Matches 17; Conservative
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APPLICANT: Horlick, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 5976807
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/130,114
CURRENT FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Eukaryotic Cells Stably Expressing TITLE OF INVENTION: From Multiple Transfected Episomes FILE REFERENCE: 0867/1D903US1
                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Damaj, Bassam B. APPLICANT: Robbins, Alan K.
COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WOrdPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/035,31
                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
COMPUTER: IBM PC com
                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6005087ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                              TITLE OF INVENTION: 2'-Modified Oligonucleotides NUMBER OF SEQUENCES: 37
                                                                                                                         STATE: PA
COUNTRY: U.
ZIP: 19103
                                                                                                                                                                         CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                        inch disk, 720
   US/09/035,357
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Pred. No. 6.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 15.2; DB 1;
Pred. No. 6.3e+02;
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RESULT 305
US-08-914-961-2
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US-09-035-357-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
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                                                                                                       TELEFAX: (919) 541-8689 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
FILING DATE: 09-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Spruill, W. Murray
                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII Editor
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: JOSEPH Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                         REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: 4:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8615
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Haner, Robert
APPLICANT: Dean, Nicholas Mark
TITLE OF INVENTION: Antitumor Antisense Oligonucleotides
   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/914,961 FILING DATE: 20-AUG-1997 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / Match 0.3%;
Local Similarity 85.0%;
les 17; Conservative
                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                       TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Hawthorne
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: CIBA-VL
STREET: 7 Skyline Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
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 TYPE:
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                                                                    20 base pairs
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DNA (genomic)
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                                                                                                                                                                                4-20047/P1
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Pred. No. 6.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
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APPLICANT: Hunt, Henry D
APPLICANT: Hunt, Henry D
APPLICANT: Fulton, Janet
TITLE OF INVENTION: Production of Antisera Specific to Major
TITLE OF INVENTION: Histocompatibility Complex Molecules in Chickens
FILE REFERENCE: Dkt 0064.96 - Larry D. Bacon et al.
CURRENT APPLICATION NUMBER: US/08/890,719A
CURRENT FILING DATE: 1997-07-09
EARLIER FILING DATE: 1996-07-10
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 16
LENGTH: 20
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US-09-143-214-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Gallus gallus US-08-890-719-16
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                                                                                                                                                                                                               Sequence 27, Application US/09143214
Patent No. 6090626
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonuclectide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER, OF SEQUENCES: 65
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Best Local Similarity
Matches 17; Conserv
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 16,
                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      POSITION IN GENOME:
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UNITS: bp
                                                                                                                                               STREET: 66 Eas
CITY: Marlton
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OTHER INFORMATION: /notOTHER INFORMATION: photon
              OPERATING SYSTEM:
SOFTWARE: WORDPER
                                                                                                                                   STATE: NJ
                                                                                                   COUNTRY: U
ZIP: 08053
                                                                                                                                                                                  ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                            403 CACCAAGAGGCAACGGGCGG 422
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TING SYSTEM: PC-DOS
ARE: WORDPERFECT 5.:
APPLICATION DATA:
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                                                                                                                                                                    66 East Main
                                                                                                                   USA
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                                                                                                                                                                    Law Offices of Jane Massey Licata 
East Main Street
                                                               DISKETTE, 3.5 INCH,
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Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
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                                                                   1.44 Mb STORAGE
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APPLICATION NUMBER:

US/09/143,214

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Best Local Similarity
Matches 17; Conserv
                                                                       Best Local Similarity Matches 17; Conserv
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                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Love, William G
APPLICANT: Sharman, Thomas
APPLICANT: Phillips, Judith A
APPLICANT: Nicklin, Paul L
APPLICANT: Hamilton, Karen O
TITLE OF INVENTION: Liposomal Oligonucleotide Compositions
FILE REFERENCE: 4-20536/AP.AA 2112
CURRENT APPLICATION NUMBER: US/09/000,136
CURRENT FILING DATE: 1998-04-23
EARLIER APPLICATION NUMBER: GB 9515743.4
                                                                                                                                                                                                                                                                                                                                                                            EARLIER FILING DATE: 1995-08-01
NUMBER OF SEQ ID NOS: 25
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TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 27
                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                  OTHER INFORMATION: oligonucleotide has uniform phosphorothiate OTHER INFORMATION: backbone and nucleotides 10-20 are substituted OTHER INFORMATION: methoxy at the 2' position of the sugar moients.
                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
                                                                                                                                                                                                                                                                   FEATURE:
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ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 32,257
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION - 7.00 ---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250
FILING DATE: May 31, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/756,806 FILING DATE: No. 6090626ember 26, APPLICATION NUMBER: PCT/US95/07111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                   4155 CCTGCTGGCTCCTGCCC 4174
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                                                                       0; Mismatches
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                                                                                         Score 15.2; DB 1;
Pred. No. 6.3e+02;
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Pred. No. 6.3e+02
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                                                                                                            DB 1;
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                                                                                                                                                                  of the sugar moiety
                                                                                                        Length 20;
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US-09-344-914-50/c
                                                                                                                                                                                                                     US-09-167-921-11/c
                                                                                                                                                                                                                                        RESULT 311
                                                                                                                                                                                                                                                                                                                                                                                                                                            ) OTHER INFORMATION: Antisense Oligonucleotide US-09-428-584-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-344-914-50
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CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 18
LENGTH: 20
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SEQ ID NO 50
                                                                                                                                                                               Sequence 11, Application US/09167921A Patent No. 6172216
                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 17; Conserv
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GENERAL INFORMATION:
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                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
       APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett P.
APPLICANT: Nickoloff, Brian J.
APPLICANT: Zhang, QingQing
TITLE OF INVENTION: Antisense Modulation of bcl-x
FILE REFERENCE: ISPH-0324
CURRENT APPLICATION NUMBER: US/09/167,921A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 18,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: ANTISENSE MODULATION OF METHIONINE AMINOPEPTIDASE 2 FILE REFERENCE: RTS-0114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Brett P. Monia APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                 2800 AGGAAGGAGAAATGAAGAA 2819
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1998-10-07
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85.0%; Pred. No. 6.3e+02;
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Pred. No. 6.
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                                                   Expression
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Sequence 275, Application US/09313932A

Patent NO. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Butler, Madeline M.
APPLICANT: Butler, Madeline R.
ITITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
ITITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 159H-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT APPLICATION DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 275
LENGTH: 20
                                                                                                                                                                                                                                                                                                  RESULT 313
US-09-313-932-275
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SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 11
LENGTH: 20
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Best Local Similarity 85.0%;
Matches 17; Conservative
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SEQ ID NO 11
LENGTH: 20
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Best Local
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APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett P.
APPLICANT: Nickoloff, Brian J.
APPLICANT: Zhang, QingQing
TITLE OF INVENTION: Antisense Modulation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/323,743
CURRENT FILING DATE: 1999-06-01
EARLIER APPLICATION NUMBER: 09/277,020
EARLIER FILING DATE: 1998-03-26
EARLIER APPLICATION NUMBER: 09/167,921
EARLIER FILING DATE: 1998-10-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: ISPH-0368
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TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
0; Mismatches 3;
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NUMBER OF SEQ ID NOS: 244
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE
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; ORGANISM: Artificial Sequence
; FEATURE: INFORMATION: Synthetic
US-09-313-932-275
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US-09-657-481A-60/c
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                                                                                              OTHER INFORMATION: Antisense Oligonucleotide US-09-593-711A-72
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                                               Query Match
Best Local Similarity
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Best Local S
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                                                                                                                                                                                                                                                                     APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION
                                                                                                                                                                                                                                                                                     APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/657,481A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
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TYPE: DNA
ORGANISM: Artificial Sequence
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Local Similarity 85.0%;
hes 17; Conservative
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 1368 CCTGAGTCTCCGCACCGGCC 1387
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17; Conserv
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                                  Conservative
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EXPRESSION
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Pred. No. 6.3e
0; Mismatches
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                                Score 15.2; DB 1;
Pred. No. 6.3e+02;
0; Mismatches
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Pred. No. 6.3e+02;
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                                                                 DB 1;
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                                                             Length 20;
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; OTHER INFORMATION: Oligonucleotides for PCR
US-09-277-078-58
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US-09-277-078-58
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                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/277,078
CURRENT FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 60
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 58
LENGTH: 20
                                                                          Matches 17;
                                                                                       Query Match
Best Local Similarity
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Patent No. 6312949
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                APPLICANT: Gage, Fred H.
TITLE OF INVENTION: REGULATION OF TYROSINE HYDROXYLASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 07251/031001
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CURRENT APPLICATION NUMBER: US/09/158,863C
CURRENT FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/133,717
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR FILING DATE: 1998-05-28
PRIOR FILING DATE: 1998-05-28
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APPLICANT: Palmer, Theo
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
TITLE OF INVENTION: SPLICEOSOME MEDIATED RNA TRANS-SPLICING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mitchell, Lloyd G. APPLICANT: Garcia-Blanco, Mar
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                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                            TYPE: DNA
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                     3371 GCCCTGCAGGGGAGAAAGTC 3390
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GACGTGCATGGGAGAAAGTC 20
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                                                                        0; Mismatches
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                                                                                       Score 15.2; DB 1;
Pred. No. 6.3e+02;
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Pred. No. 6.3e+02
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LENGTH: 20
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Best Local
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Patent No. 6339068
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CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR FILING DATE: 1997-05-20
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APPLICANT: Wu, Tony
TITLE OF INVENTION: Vectors and Mechanism
TITLE OF INVENTION: Therapeutic Protocols
TITLE OF INVENTION: 0109/09/082,649E
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/135,202
                                        NAME: JOSEPH LUCCÍ
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and STREET: One Liberty Place - 46th Floor
                                                                                                   ATTORNEY/AGENT INFORMATION: NAME: Joseph Lucci
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITIE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: One Libert: CITY: 'Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
les 17; Conserv
                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                     FILING DATE
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Krieg, Arthur M.
Schorr, Joachim
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ilarity 85.0%;
Conservative
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Pred. No. 6.3e+02;
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FILE REPERENCE:
CURRENT APPLICATION NUMBER: US/09/506,073
CURRENT FILING DATE: 2000-02-18
CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER APPLICATION NUMBER: PCT/US98/13961
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER APPLICATION NUMBER: US 08/886,982
EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1996-11-26
EARLIER APPLICATION NUMBER: PCT/US95/07111
EARLIER APPLICATION NUMBER: PCT/US95/07111
EARLIER APPLICATION NUMBER: PCT/US95/07111
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US-09-844-634-45
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CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 45
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 28, Application US/09506073
Patent No. 6410518
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
Error Description:
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Best Local (
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APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
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Patent No. 64103
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Matches 17; Conserv
                                         SEQ ID NO 28
LENGTH: 20
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                                                                               EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
NUMBER OF SEQ ID NOS: 130
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
ORGANISM: artificial sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
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Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
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TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/702,327
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-742-703-32
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OTHER INFORMATION: antisense sequence US-09-506-073-28
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US-09-702-327-17
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                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-702-327-17
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LENGTH: 20
TYPE: DNA
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Patent No. 6426220
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                                                         Matches
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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17; Conserv
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                                                                         Similarity
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Pred. No. 6
                                                                       Score 15.2; DB 1;
Pred. No. 6.3e+02;
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Pred. No. 6
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                                                                                     Length 20;
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RESULT 324 US-09-676-610B-93/c

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APPLICANT: Cock, Phillip D.
APPLICANT: Monia, Brett
APPLICANT: Martin, Pierre
APPLICANT: Altman, Karl-Heinz
TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides
FILE REFERENCE: ISNOO083
CURRENT APPLICATION NUMBER: US/08/802,331
CURRENT FILING DATE: 1997-02-11
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentin version 3.1
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
OPENISM Artificial Common
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US-09-553-690-34/c
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APPLICANT: Fischer, APPLICANT: Choi, Yeonhee
APPLICANT: Choi, Yeonhee
APPLICANT: Hannon, Mike
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Nucleic Acids That Control Seed and
TITLE OF INVENTION: Fruit Development in Plants
TO SEFERENCE: 023070-099900US
                                                                                                                                                                        Sequence 34, Application US/09553690 Patent No. 6476296 GENERAL INFORMATION:
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local 9
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Patent No. 645199:
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Best Local
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CURRENT APPLICATION NUMBER: US/09/676,610B
CURRENT FILING DATE: 2000-09-29
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APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
TITLE OF INVENTION: OLIGONUCLECTIDE INHIBITION
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17; Conserv
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Pred. No. 6.3e+02,
0; Mismatches
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Pred. No. 6.
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US-09-657-346A-110/c
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US-09-389-283-13
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; SOFTWARE: FastSEQ
; SEQ ID NO 34
; LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 174
SEQ ID NO 110
LENGTH: 20
                                                                                                                                                                                                                                                                                                                         Sequence 13, Appli
Patent No. 6531584
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0135
CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
          COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 KI
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordderfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hong Zhang APPLICANT: Jacquelin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & STREET: One Liberty Place - 46th Floor CITY: Philadelphia
                                                                                                                                                                                                                               APPLICANT: Phillip Dan Cook
APPLICANT: A. Kawasaki
TITLE OF INVENTION: 2'-Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
                                                                                                                                                      STATE:
APPLICATION NUMBER:
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US/09/389,283
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Pred. No. 6.3e+02;
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Pred. No. 6.3e+02
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RESULT 330
US-09-422-978-10608
; Sequence 10608, Application US/09422978
; Patent No. 6537751
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APPLICANT: Chumakov, Ilya
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
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; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11449 for SEQ 2501, in complem
US-09-422-978-10366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-422-978-10366/c
; Sequence 10366, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
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LENGTH: 20
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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NAME: JOSEPH LUCCI
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: IS:
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: 09/035,357
FILING DATE:
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nes 17; Conserv
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nes 17; Conserv
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INFORMATION:
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215-568-3439
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ilarity 85.0%;
Conservative
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Pred. No. 6.3e+02;
0; Mismatches 3;
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Pred. No. 6.3e+02;
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RESULT 332
US-09-198-452A-2860/c
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Best Local Similarity
Matches 17; Conserv:
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; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-16751 for
US-09-422-978-10608
                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-198-452A-2051
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                                  GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic
TITLE OF INVENTION: thereof and uses thereof, in
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2051
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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APPLICANT: Griffais,
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LENGTH: 20
                                                                                                                                                                  Sequence 2860, Application US/09198452A Patent No. 6559294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2051, Application US/09198452A Patent No. 6559294
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APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, TITLE OF INVENTION: thereof and uses thereof, in particular for the diagno TITLE OF INVENTION: and treatment of infection
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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ORGANISM: Homo Sapiens
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85.0%; Pred. No. 6.3e+02;
tive 0; Mismatches 3
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Pred. No. 6.3e+02;
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                                                                                sequence and polypeptides,
n particular for the diagno
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Query Match
Best Local Similarity
""-"hes 17; Conserve
                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide US-09-860-473-33
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; ORGANISM: Human
US-09-601-144-30
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Patent No. 6656732
GENERAL INFORMATION:
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SEQ ID NO 2860
LENGTH: 20
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LENGTH: 20
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Best Local Similarity
Matches 17; Conserv
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GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Wright, Jim A.
APPLICANT: Wright, Jim A.
APPLICANT: Young, Aiping H.
APPLICANT: Lee, Yoon S.
APPLICANT: CHARLES COMPLEMENTARY TO THIOREDOXIN REDUCTASE GENES AND METHODS OF USING TITLE OF INVENTION: SAME TO MODULATE CELL GROWTH
FILE REFERENCE: 683-112US-A
CURRENT APPLICATION NUMBER: US/09/601,144
CURRENT APPLICATION NUMBER: US/09/601,144
CURRENT FILING DATE: 2000-10-18
BRIOR APPLICATION NUMBER: US/60/073,196
PRIOR FILING DATE: 1998-01-30
VENTOR FILING DATE: 1998-01-30
                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
                                                                                                                                                                                                                                                                   APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION, ANTISENSE MODULATION OF SRC-C EXPRESSION
FILE REFERENCE: RTS-0222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3796 ¢GG¢¢GG¢GGA¢AAGAG¢ 3815
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17; Conserv
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                  Conservative
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                Score 15.2; DB 1;
Pred. No. 6.3e+02;
0; Mismatches 3
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Pred. No. 6.3e+02;
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                                                DB 1;
                                                  Length 20
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GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonuclectide Modulation
TITLE OF INVENTION: of raf Gene Expression
                                                                                                                                                                                                Sequence 8, Application US/08086915 Patent No. 5444167
                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity Matches 17; Conserv
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                                                                                                                                                                                 GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION UNMBER: 08/250
APPLICATION UNMBER: 1995
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,25
                                                                                                                       APPLICANT: Pettersson, Kim SI
TITLE OF INVENTION: Variant Luteinizing Hormone Encoding DNA
NUMBER OF SEQUENCES: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.:
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
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                                                                                                                CORRESPONDENCE ADDRESS
COMPUTER READABLE FORM:
                             STATE: D
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                                                            CITY: Washington
                                                                               STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
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210 Lake Drive East, Suite 201
                                                                              3: Adduci, Mastriani, Schaumberg & Schill 1140 Connecticut Avenue, N.W., Suite 250
                               U.S.A.
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779-8488
779: 27:
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Pred. No. 6
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Patent No. 5559223
GENERAL INFORMATION:
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                                                         TELEX: 835420
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                       CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
PILING DATE: 9 August 1991
PILING DATE: 1NFORMATION:
ANTONNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Kubovcik, Ronald J.
REGISTRATION NUMBER: 25,401
REFERENCE/DOCKET NUMBER: 15873005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-467-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS: B.I. du Pont de Nemours and Company
STREET: 1007 Market Street
                                                                                                                                NAME: Linda Axamethy Floyd
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1031
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                           COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System, 6.0
SOFTWARE, Microsoft Word, 4.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy Disk
COMPUTER: Macintosh
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/086,915
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ATTORNEY/AGENT INFORMATION:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                              TELEFAX:
                                                                                                                TELEPHONE:
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EDNESS: single
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                                                                                              (302) 892-7949
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Pred. No. 6.9e+02;
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Matches
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                                                                                                               Patent No. 5773691
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
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APPLICANT: E. I. DU
APPLICANT: COMPANY
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: N
TITLE OF INVENTION: X
TITLE OF INVENTION: P
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
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NAME/KEY: misc feature
LOCATION: 1..21
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ORGANISM: Hom
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HYPOTHETICAL: NO
ANTI-SENSE: NO
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                                                                                                                                                                                                                                                                                                         Local
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OTHER INFORMATION: /product= "synthetic oligonucleotide"
OTHER INFORMATION: /standard_name= "SM 90"
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TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
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                                                                                                DU PONT DE NEMOURS AND
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 METHODS FOR INCREASING INCREASING THE LYSINE AND THREONINE CONTENT OF THE SEEDS OF PLANTS
                                                                 CHIMERIC GENES AND
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Pred. No. 6.9e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                          Score 15.2; DB 1;
Pred. No. 6.9e+02;
                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                           DB 1;
                                                                                                                                                                                                                                                                                                                         Length 21;
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NUMBER OF SEQUENCES:

107

DU PONT DE NEMOURS

ADDRESSEE:

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COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/957,156

FILING DATE: 24-OCT-1997
                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Application US/08957156 Patent No. 5985544
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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TELEPHONE: 302-992-4931
TELEFAX: 302-773-0164
TELEX: 835420
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                  APPLICANT: KASPER, P.
TITLE OF INVENTION: PRIMERS AND PROBES FOR THE DETECTION OF HIV
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ORDER OF WITHING MARMELSTEIN, MURRAY & ORAM LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPUTER:
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OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
CURRENT APPLICATION DATA:
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STREET: MILMINGTON

STATE: DELAWARE

" S.A.
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                                                                                                                                                                                                                             ADDRESSEE: NIKAIDO, MARMELSTEIN,
STREET: 655 Fifteenth Street, N.
STREET: Street Lobby
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     / Match 0.3%;
Local Similarity 85.0%;
les 17; Conservative
                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc feature LOCATION: 1..21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1037-C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: BARBARA C. SIEGELL REGISTRATION NUMBER: 30,0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
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                                                                                                                                                                                             USA
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Pred. No. 6.9e+02
0; Mismatches
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; MOLECULE TYPE: US-08-689-421-30
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US-08-689-421-30
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                   STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/689,421
FILING DATE: 9-AUG-1996
CULASSIFICATION: 435
ACTIONNEY ACCENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 30, Ap
Patent No. 6008
                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 455/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEPAX: 212-878-9655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                INFORMATION FOR SEQ ID NO:
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TELEPHONE: 202/638-5000
TELEFAX: 202/638-4810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                            SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA
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CITY: New York
                                                  LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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TYPE: nucleic acid
STRANDEDNESS: single
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REFERENCE/DOCKET NUMBER: P1614-7068
                                     POPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/08689421
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405 Lexington Avenue, 64th Floor
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Halkier, Torben P
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Pred. No. 6.
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Query Match

Score 15.2;

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Length

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: PCR Primer US-09-255-912-3
                                                                                                                                 COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,942A
PILING DATE: JUNE 7, 1995
PRIOR APPLICATION:
PRIOR APPLICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 3
LENGTH: 21
TYPE: DNA
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Best Local Similarity
Matches 17; Conserv
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Matches 17; Conserv
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/255,912
CURRENT FILING DATE: 1999-02-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AN TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT TITLE OF INVENTION: AMENDED)
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6048837ember
                                                                                                APPLICATION NUMBER: FILING DATE: May 10, CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                STREET:
 APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                411 Hackensack Avenue
                                                                                                                                                                                                                                                                                                                                   USA
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08/292,345
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                                                               08/347,563
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Pred. No. 6.9e+02;
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                                                30,
                                                                                                                                                                                                                               Version
                                                   1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SMAD2 EXPRESSION
                                                                                                                                                                                                                                 #1.25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 71, Application US/08488214A Patent No. 6124439
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K.
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K.
TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: 133521
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: PA PC DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME:: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
                                                                                                           FILING DATE: May 10,
CLASSIFICATION:
PRIOR APPLICATION DATA:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: August
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Klauber (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORIGINAL SOURCE:
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL: 10
                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (primer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
                                                                                                                                              APPLICATION NUMBER: FILING DATE: May 10,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity nes 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: ZUL TELEPHONE: ZUL TELEPHONE: ZUL TELEPHONE: 201 343-1684
                                                                      APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6124439ember 30,
                                                                                                                                                                                                       FILING DATE: J
CLASSIFICATION:
                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Hackensack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH:
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ilarity 85.0%;
Conservative
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August 17,
                                                                                                                                                                                                                           JUNE 7, 1995
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                                                                                                                                                                    08/438,431
                                                                                                                                                                                                                                              US/08/488,214A
                   08/292,345
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Pred. No. 6.9e+02;
0; Mismatches
                                                                                                                                                                                                                                                                                   Version #1.25
                                                                            1994
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ATTORNEY/AGENT INFORMATION

Jackson Esq., David A.

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Best Local Similarity
Matches 17; Conserv
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SEQUENCE CHARACTERISTICS:
LENGTH: 21 base may
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                                                                                                                                                                                                                                                             FILING DATE: 07-JUN-1995
CLASSIPICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: JUNE 7, 1995
APPLICATION NUMBER: 08/436,431
FILING DATE: May 10, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: THE RO
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                                                                         CLASSIFICATION: 514

PRIOR APPLICATION DATA:
PAPPLICATION UMBER: 08/292,345

FILING DATE: August 17, 1994

CLASSIFICATION: 514
                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6124448ember
                                                                                                                                                                                                                                                                                                                                                                                                      SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,208A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
TITLE OF INVENTION: USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagg
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Hackensack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER:
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DN: 514
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600-1-087 CIP2I
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Pred. No. 6.9e+02
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US-09-389-528-30
; TOPOLOGY: linear; MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Human
US-08-488-208A-71
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Best Local
                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION UMBER: US/08/689,421
APPLICATION NUMBER: US/08/689,421
APPLICATION NUMBER: US/08/689,421
APPLICATION INFORMATION:
NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 4554.204-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                         TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/389,528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tag
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: PURIFIED COPRINUS LACCASES AND NUCLEIC ACIDS TITLE OF INVENTION: ENCODING SAME NUMBER OF SEQUENCES: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                        FILING DATE
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STREET: 40
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                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: United ZIP: 10174-6401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: New York
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Similarity 85.0%; Pred. No. 6.9e+02;
17; Conservative 0; Mismatches 3
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                                                                                                                                                212-878-9655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kauppinen, Sakai
Halkier, Torben
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         United States of America
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                                                     single
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RESULT 347
US-09-181-827A-30
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; ORGANISM: Coprinus cinereus
US-09-181-827A-30
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SEQ ID NO 30
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 71, Application US/08483211A Patent No. 6309853
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 85.0%;
Matches 17; Conservative
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Best Local Similarity 85.0
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ver:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,211A
FILLING DATE: 07-UN-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Yaver, Debbie S.
APPLICANT: Brown, Kimberly M.
APPLICANT: Brown, Kimberly M.
APPLICANT: Halkier, Torben P.
TITLE OF INVENTION: Purified Coprinus Laccases And Nucleic TITLE OF INVENTION: Acids Encoding Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 4554.200-US
CURRENT APPLICATION NUMBER: US/09/181,827A
CURRENT FILING DATE: 1998-10-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/002,800 PRIOR FILING DATE: 1995-08-25 NUMBER OF SEQ ID NOS: 36
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: June 7, 1995
APPLICATION NUMBER: 08/438,431
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: THE ROCKEFELLER UNIVERSITY TITLE OF INVENTION: MODULATORS OF BOD TITLE OF INVENTION: NUCLEIC ACIDS AND TITLE OF INVENTION: USES THEREOF
                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                         CITY: Hackensack
                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3097 AGCTCTATGACTTTGTGAAG 3116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3097 AGCTCTATGACTTTGTGAAG 3116
                                                                                                                                                                                                                                                    07601
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AGCTCGATGACTTTGTTACG 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                     New Jersey
                                                                                                                                                                                                                                                                                                                               411 Hackensack Avenue
                                                                                                                                                                                                                                                                        USA
                                                                                                                                                                                                                                                                                                                                                                                                                     MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PROTEINS, AND DIAGNOST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.3%;
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Pred. No. 6.9e+02;
0; Mismatches 3
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Pred. No. 6.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                      Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                          AND DIAGNOSTIC AND THERAPEUTIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
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HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: NO. 6309
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ANTI-SENSE: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  l Similarity
17; Conserv
                                                                                                                                                                                                                                                                                                                                               CITY: Hackensack
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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S-08-488-223A-71/c
S-08-488-223A-71/c
Sequence 71, Application US/08488223A
Patent No. 6350730
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC
ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
TOPOLOGY: linear MOLECULE TYPE: DNA (primer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/292,345 FILING DATE: August 17, 1994 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I
                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3581 CCTGAGTTCCTTCCCTAAGC 3600
                                                                                                                                                                                                                                                                                                                                                            STREET: 411 Hackensack Avenue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.3%; Score 15.2; DB 1; 85.0%; Pred. No. 6.9e+02;
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; ORGANISM: Human
; SEQUENCE DESCRIPTION: SEQ ID NO: 71:
US-08-488-223A-71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.3%;
Best Local Similarity 85.0%;
Matches 17; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 71, Application US/08438431A Patent No. 6429290
                                                                                                                                                                           APPLICATION NUMBER: US/08/438,43
FILING DATE: May 10, 1995
CLASSIFICATION 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6429290ember 30
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
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  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                     ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PAtentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

"""" TOATION NUMBER: US/08/438,431A
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INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 411
STREET: 411
CITY: Hackensack
CITY: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                     NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                     TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: UZIP: 07601
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3581 CCTGAGTTCCTTCCCTAAGC 3600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DESCRIPTION: sequence tagged-site specific PCR primer swss2619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 201 343-1684
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      411 Hackensack Avenue
                                       201 343-1684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI, VENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Klauber & Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               201 487-5800
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Pred. No. 6.9e+02;
                                                                                                                                                                                                                                                                                30,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 21;
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US-08-823-771-45
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GENERAL INFORMATION:
APPLICANT: E. I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 45,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
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OTHER INFORMATION:
                                     NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagge
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                             3581 CCTGAGTTCCTTCCCTAAGC 3600
                                                                                         21 CCAGAGTTCCTTCCCTTAAC 2
Application US/08823771
                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                              sequence tagged-site specific PCR primer sWSS2619
                                                                                                                                                                                   0.3%; Score 15.2; DB 1;
85.0%; Pred. No. 6.9e+02;
                                                                                                                                                                  0,
                                                                                                                                                                   Mismatches
                                                                                                                                                                                                    DB 1;
                                                                                                                                                                                                  Length 21;
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                                                                                                                                                                  Gaps
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TELEX: 835420
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS: CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/823,771

FILING DATE: 24-Mar-1997

CLASSIFICATION: «Unknown»

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/474,633

FILING DATE: «Unknown»

ATTORNEY/AGENT INFORMATION:

NAME: BARBARA C. SIEGELL

REGISTRATION NUMBER: 30,684

REFERENCE/DOCKET NUMBER: BB-1037-C

TELECONMUNICATION INFORMATION: TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR INCREASING INCREASING THE LYSINE COMPUTER READABLE FORM: NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS MOLECULE TYPE: DNA (genomic) TYPE: nucleic acid STRANDEDNESS: single TELEPHONE: 302-992-4931 TELEFAX: 302-773-0164 MEDIIM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C STATE: DELAWARE STREET: 1007 MARKET COUNTRY: U.S.A. LENGTH: 21 base pairs TY: WILMINGTON linear AND COMPANY misc\_feature 1..21 DU PONT DE NEMOURS AND AND THREONINE CONTENT DU PONT DE NEMOURS

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-488-225A-71/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                   TELEX: 133521
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: 201 487-5800
                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6471956ember 30,
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTI
NUMBER OF SEQUENCES: 98
                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           / Match 0.3%;
Local Similarity 85.0%;
nes 17; Conservative
                                                                                                                                                                                                                           NAME: Jackson Esq., David A. REGISTRATION NUMBER: 26,742 REFERENCE/DOCKET NUMBER: 600
                                                                                                                                                                                                                                                                                              FILING DATE: At CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08. FILING DATE: June 7, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 411 Hack
CITY: Hackensack
                                                                                                                                                                    TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: June
                                                      TOPOLOGY:
                                                                 STRANDEDNESS:
                                                                                                                                                                                        TELEPHONE:
                                                                                                   ENGTH:
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                                                                                 nucleic acid
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/standard_name= "SM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          411 Hackensack Avenue
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                                                  linear
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                                                                                                                                                                                                                                                                                                            August 17, 1994
sequence tagged-site specific PCR primer swss2619
                              DNA (primer)
                                                                 single
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Pred. No. 6.9e+02
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                                                                                    PCT-US92-06412-23
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                             Matches
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Best Local S
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                       NAME: Linda Axamethy Floyd
REGISTAN NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 992-4929
                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE: NO ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                               FILING DATE: 9 August 1991
ATTORNEY/AGENT INFORMATION:
NAME: Linda Axamethy Floyd
                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: Macintosh System, SOFTWARE: Microsoft Word, 4.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Sharon J. APPLICANT: Janet A.
                                                                                                                                                     FEATURE:
                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Janet A. Rice
                                                                                                                         NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: Macinic
                                                                                                                                                                                                                                                                 TELEPHONE: (302) 892-7949
                                                                                               OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy Disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: Delaware
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 1007 Mar
CITY: Wilmington
                                                                                                                                                                               STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                     TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM:
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 2800 AGGAAGGAGAAATGAAGAA 2819
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1007 Market Street
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                            Conservative
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                                                                                              /product= "synthetic oligonucleotide"
/standard_name= "SM 90"
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                           Score 15.2; D
Pred. No. 6.9e
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Best Local S
Matches 17
                                                                                                                                                           NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 22
                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Oxford Biomedica (UK) Limited
TITLE OF INVENTION: Anti-Viral Vectors
FILE REFERENCE: 674524-2004
                                                                                                                                                                                                                                                                                                                                         Sequence 9, Application US/09552950 Patent No. 6541248
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 35, Appli
Patent No. 6096865
                Query Match
Best Local Similarity
                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/552,950
CURRENT FILING DATE: 2000-04-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: MICHAELS, Mark
APPLICANT: MANN, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CRANDALL, Craig A.
REGISTRATION NUMBER: 38,416
REFERENCE/DOCKET NUMBER: A--
INFORMATION FOR SEQ ID NO: 35:
                                                                                                      ORGANISM: Artificial Sequence FEATURE:
                                                                                    OTHER INFORMATION: Description of Artificial Sequence: cleavage site GAG
                                                                                                                                            TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS LENGTH: 22 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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ADDRESSE: AMOEN INC.
STREET: 1840 DeHavilland Drive
CITY: Thousand Oaks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ITLE OF INVENTION: MUTANTS OF THE GREEN FLUORESCENT PROTEIN ITLE OF INVENTION: HAVING IMPROVED FLUORESCENCE AT 37 DEGRES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
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Conservative
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                  85.0%;
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                Score 15.2; DB 1
Pred. No. 7.6e+02
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Pred. No. 7.6e+02
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US-09-936-572-18/c

Sequence 18, Application US/09936572 Patent No. 6783981 GENERAL INFORMATION:

APPLICANT: UDEN, MARK
APPLICANT: MITROPHANOUS, KYRIACOS
TITLE OF INVENTION: ANTI-VIRAL VECTORS

RESULT 358

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                                                                                                                                        US-08-983-605-197
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                                                                                                                                                                                        SEQ ID NO 197
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 32, Application US/09523263B Patent No. 6638750
                                                                     Matches
                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 197, Ap
Patent No. 67201
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Best Local Similarity
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TITLE OF INVENTION: Methionine aminopeptidase type
FILE REFERENCE: S03181-00-US
CURRENT APPLICATION NUMBER: US/09/523,263B
CURRENT FILING DATE: 2000-03-10
                                                                                                                                                                                                                                           FILE REFERENCE: 2936.10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
                                                                                                                                                                                                                                                                                                                                           APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum Aestivum and Tribe Triticase and the Use of
TITLE OF INVENTION: Said Markers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/125,139
PRIOR FILING DATE: 1999-03-11
NUMBER OF SEQ ID NOS: 62
                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                     TYPE: DNA ORGANISM: Triticum aestivum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
                                                                                   Local
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                                275 TCTCTTTCTCTCTCTCTC 294
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17; Conserv
TCGCTTCATCTCTCTCTCTC 22
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                                                               Pred. No. 7.60
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                                                                                   Score 15.2; DB 1;
Pred. No. 7.6e+02;
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Pred. No. 7.
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US-08-173-489C-362
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: RNA
; ORGANISM: Human immunodeficiency virus type 1
US-09-936-572-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 17; Conserv
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LENGTH: 22
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Patent No. 586124
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CURRENT FILING DATE: 2001-12-11
PRIOR APPLICATION NUMBER: PCT/GB00/01002
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: GB 9906177.2
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 73
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                                                                                                                                                                                                           TELEPHONE: (attorney)
TELEFAX: (attorney) (2:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ANDRESSE: PROFILE DIAGNOSTIC SCIENCES, INC.
                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 CCT 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
                                                       HYPOTHETICAL:
                                                                     MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from p53 gene
DESCRIPTION: region in Seq ID No. 5861244361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: WANG, C. APPLICANT: HEPBURN,
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
                                                                                                                                                                                                                                                                                                                           NAME: Handelman, Joseph H. REGISTRATION NUMBER: 26,17
                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                 STRANDEDNESS: single stranded
                                                                                                                                                                                         ENGTH:
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                                                                                                                                                                                           23 bases
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                                                                                                                                   linear
                                                                                                                                                                                                                                                 (attorney) (212) 708-18
attorney) (212) 246-8959
                                                     yes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.3%;
                                                                                                                                                                                                                                                                   (212) 708-1880
                                                                                                                                                                                                                                 362:
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Pred. No. 7.6e+02;
0; Mismatches
 362 : FROM 1 TO 23
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                                                                                     US-08-578-096A-4/c
                                                                                                       RESULT 361
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US-08-739-069-15
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                                               Sequence 4, Application US/08578096A
Patent No. 5980906
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Patent No. 5962225
GENERAL INFORMATION:
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Best Local S
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                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (404) 818-3799 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/005,938
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Merchant, Mary Anthony
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION UMBER: US/08/739,069 FILING DATE: 25-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Merchant, Mary Anthony
REGISTRATION NUMBER: 39,771
REFERENCE/DOCKET NUMBER: 03038-0110
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 818-3700
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MEDIUM TYPE: Floppy disk
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APPLICANT:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear
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1 Peachtree Street, 37th Floor
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85.0%; Pred. No. 8.2e+02;
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Avian herpesvirus-based live recombinant
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                                                                                                                                                                                                                                            Score 15.2; DB 1;
Pred. No. 8.2e+02;
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Sequence 15, Appir.

Patent No. 6100040

PENERAL INFORMATION:

Pamberg
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                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 17; Conserv
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Patent No. 6045803
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Best Local S
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FILING DATE:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
APPLICANT: Ramberg, TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                     LENGTH: 23 base pairs
TYPE: nucleic acid
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                Application US/09313121
                                                                                                                                                                                                             0.3%;
ilarity 85.0%;
Conservative
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                                                                                                                                                                                                                                                                                             other nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Avian herpesvirus-based live recombinant avian vaccine
Methods and Compositions for Detection
                Elliot R.
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Pred. No. 8.2e
0; Mismatches
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                                                                                                                                                                                                                                                                                                                              Sequence 16, Application US/09074357 Patent No. 6133024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (404) 818-379
TELEFAX: (404) 818-3799
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                           ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy (
COMPUTER: IBM PC comp
                                                                                                                                                                                                       NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
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ANTI-SENSE: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Merchant, Mary Anthony
REGISTRATION NUMBER: 39,701
REFERENCE/DOCKET NUMBER: 03038-0110
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 818-3700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Merchant, Mary Ant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/739,069
PILING DATE: 25-0CT-1996
APPLICATION NUMBER: US 60/005,938
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                                                                                                                                                                                                                                                           APPLICANT: GIOVANNANGELI, CARINE
APPLICANT: HELENE, CLAUDE
TITLE OF INVENTION: GENE EXPRESS
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                                                                                                                                                                       STREET: 500 Arcola Rd. 3C43
CITY: Collegeville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION:
                                                                                                                                     COUNTRY:
                                                                                                                                                       STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
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 APPLICATION NUMBER:
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Y: U.S.A.
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US/09/074,357
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Pred. No. 8.
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                                  Version
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                                   #1.30
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US-09-086-663A-5
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US-09-633-848-15/c
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                                                                                                              RESULT 366
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APPLICANT: Ramberg, Elliot
TITLE OF INVENTION: Methods and Compositions for Detection of Specific Nucleotide Seq
FILE REFERENCE: 03038-0112 42892-215809
CURRENT APPLICATION NUMBER: US/09/633,848
CURRENT FILING DATE: 2000-08-07
PRIOR APPLICATION NUMBER: US 60/005,938
PRIOR PILING DATE: 1995-10-27
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin version 3.0
Sequence 5, Application US/09086663A
Patent No. 6518063
GENERAL INFORMATION:
APPLICANT: DUCY, PATRICIA
APPLICANT: KARSENTY, GERARD
                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 17; Conserv
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Matches 17; Conserv
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APPLICATION NUMBER: WO 94-01:
FILING DATE: 27-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Smith Ph.D., Julie K.
REGISTRATION NUMBER: 38,619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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REFERENCE/DOCKET NUMBER: EX93022-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610)454-3839
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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TOPOLOGY: lir
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                                                                                                                                                                                                   1713 GACATGATCACCATCTTCAT 1732
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Pred. No. 8.2e+02
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Pred. No. 8.2e+02;
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GENERAL INFORMATION:
APPLICANT: DUCY, PATRICIA
APPLICANT: KARSENTY, GERARD
TITLE OF INVENTION: OSFZ/CHFAI COMPOSITIONS AND
FILE REFERENCE: UTSC:525
CURRENT APPLICATION NUMBER: US/09/086,663A
CURRENT FILING DATE: 1998-05-29
PRIOR APPLICATION NUMBER: 60/080,189
PRIOR FILING DATE: 1998-03-24
PRIOR FILING DATE: 1998-03-24
                                                                                                                      RESULT 368
US-09-086-663A-9
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US-09-086-663A-8
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LENGTH: 23
                                                                Sequence 9, Application US/09086663A Patent No. 6518063 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 17; Conserv
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LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: DUCY, PATRICIA
APPLICANT: KARSENTY, GERARD
TITLE OF INVENTION: OSE2/CBFA1 COMPOSITIONS AND METHODS OF USE
FILE REFERENCE: UTSC:525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/086,663A
CURRENT FILING DATE: 1998-05-29
PRIOR APPLICATION NUMBER: 60/080,189
PRIOR FILING DATE: 1998-03-24
PRIOR APPLICATION NUMBER: 60/048,430
PRIOR PILING DATE: 1997-05-29
NUMBER OF SEQ ID NOS: 83
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                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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Pred. No. 8
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Pred. No. 8.
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CURRENT APPLICATION NUMBER: US/09/086,663A

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Best Local Similarity
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PRIOR APPLICATION NUMBER: 60/080,189
PRIOR FILING DATE: 1998-03-24
                                                     ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION UNMBER: 30,158
REFERENCE/DOCKET NUMBER: 210/
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                        NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Primer
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SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367,
FILING DATE: December 30, 1999
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH:
                                                                                                                                                                                                              PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION UNMBER: 08/176,851
FILING DATE: 30 December 1993
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage:
COMPUTER: IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lloyd R. Snyder APPLICANT: Robert E. Klem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Mark A.
                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM:
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: California
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5811538
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      IBM Compatible
                                                                                                                                                                                                                                                                                                                                                        TUMBER: US/08/367,069
December 30, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.3%;
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Pred. No. 8.
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APPLICANT: Arnold, Lyle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Rynolds, Mark A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
TITLE OF INVENTION: OLICOMERS.
FILE REFERENCE: GENTA.020FW2
CURRENT APPLICATION NUMBER: US/08/885,126A
CURRENT FILING DATE: 1997-06-30
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER APPLICATION NUMBER: 08/343,018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; STRANDEDNESS: ; TOPOLOGY: lir US-08-367-069-10
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Best Local Similarity
Thes 8; Conserve
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US-08-885-126-8/c
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SEQ ID NO 8
LENGTH: 16
TYPE: DNA
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SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                     Sequence 8, Application US/08885126A Patent No. 5955597
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE TITLE OF INVENTION: OLIGOMERS FILE REFERENCE: GENTA.020FW2 CURRENT APPLICATION NOWBER: US/08/885,126A CURRENT FILING DATE: 1997-06-30 EARLIER APPLICATION NOWBER: 08/343,018 EARLIER FILING DATE: 1994-11-21 EARLIER FILING DATE: 1993-11-16 EARLIER FILING DATE: 1993-11-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Riley, Timothy A. APPLICANT: Reynolds, Mark A. APPLICANT: Schwartz, David A.
                                                                                         EARLIER APPLICATION NUMBER: 08/154,013
EARLIER FILING DATE: 1993-11-16
                                                        SOFTWARE: FastSEQ for Windows Version 3.0
                                                                            NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Chemically synthesized oligomer
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100.0%; Pred. No. 4.5e+02
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Pred. No.
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RESULT 373
US-09-411-862A-21
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                                                                                                                                                                                                                                              US-08-941-445A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-941-445A-28/c
Sequence 21, Application US/09411862A
Patent No. 6348583
GENERAL INFORMATION:
APPLICANT: David Segev
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APPLICANT: Keeling
APPLICANT: Guan, 1
                                                                                                                                                                                                                                                                                                                                 TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/026,855
FILING DATE: 30-SEP-1996
ATTORNEY_AGENT INFORMATION:
NAME: Winner, Ellen P
REGISTRATION NUMBER: 28,547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIIM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 89-97
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Guan, Hanping
TITLE OF INVENTION: Starch Encapsulation
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/0
FILING DATE: 30-SEP-1997
                                                                                                                                                                                                                                                            MOLECULE TYPE:
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                                                                                                                                                                                                  Local
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                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US
ZIP: 80303
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                                                                                                                                                                                                                                                                                                                      16 base pairs ·
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100.0%; Pred. No. 4.5e+C
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Pred. No.
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US-09-411-862A-22/c
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                                                                                                                                                                                                                                                                                                                                                    Sequence 22, Application US/09411862A
Patent No. 6348583
GENERAL INFORMATION:
APPLICANT: David Segev
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Best Local S
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INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
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ZIP: 22202
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
COMPUTER: Winhead* Slimnote-890TX
OPERATING SYSTEM: Windows version 3.11
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APPLICATION NUMBER: US/09/411,862A
FILING DATE: 04-Oct-1999
CLASSIPICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Sol Sheinbein
REGISTRATION NUMBER: 25,457
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MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
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                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Sol Sheinbein c/o Anthony Castorina
STREET: 2001 Jefferson Davis Highway, Suite 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA
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ADDRESSEE: Sol She
                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: POLY(ETHER-THIOETHER), POLY(ETHER-SULFONE) NUCLEIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        281 TCTCTCTCTCTCT
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                                                                                                                                                                      CITY: Arlington
STATE: Virginia
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STATE: Virginia
COUNTRY: United States of America
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                                                                                                                                                       COUNTRY: United States of America
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2001 Jefferson Davis Highway, Suite 207
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.00.0%; Pred. No. 4.9
.ve 0; Mismatches
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No. 4.5e+02;
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RESULT 376
US-08-885-126-4
; Sequence 4, Application US/08885126A
; Patent No. 5955597
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   GENERAL INFORMATION:
                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 15; Conserv
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GENERAL INFORMATION:
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Best Local
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CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR FILING DATE: 1999-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBHB00-884-C
                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 09/159,274 PRIOR FILING DATE: 1998-09-22
                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/059,473
                                                                                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                        LENGTH: 16
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REFERENCE/DOCKET NUMBER: 00/20719 (previously 513/13)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-6127676
TELEFAX: 972-3-6127575
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FILING DATE: 20 AUG 199
ATTORNEY/AGENT INFORMATION:
NAME: Sol Sheinbein
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FILING DATE: 04-Oct-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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100.0%; Pred. No.
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Pred. No. 4.5e+02;
0; Mismatches 0;
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                                                                                                                                                                                                                           4.5e+02;
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RESULT 378
US-09-666-108A-6403
; Sequence 6403, Application US/09866108A
; Patent No. 6686188
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APPLICANT: Arnold, Lyle J.

APPLICANT: Riley, Timothy A.

APPLICANT: Reynolds, Mark A.

APPLICANT: Schwartz, David A.

TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE

TITLE OF INVENTION: UNIMBER: US/08/885,126A

CURRENT APPLICATION NUMBER: US/08/885,126A

CURRENT APPLICATION NUMBER: 08/343,018

EARLIER APPLICATION NUMBER: 08/343,018

EARLIER APPLICATION NUMBER: 08/154,013

EARLIER FILING DATE: 1993-11-16

NUMBER: OF SEQ. ID NOS: 22

NUMBER: OF SEQ. ID NOS: 22
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APPLICANT: Riley, Timothy A.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOTITILE OF INVENTION: OLIGOMERS
FILE REFERENCE: GENTA.020FW2
CURRENT APPLICATION NUMBER: US/08/885,126A
CURRENT APPLICATION NUMBER: US/343,018
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER APPLICATION NUMBER: 08/154,013
FEARLIER APPLICATION NUMBER: 08/154,013
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Best Local Similarity
"---hes 7; Conserva
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; OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-4
                                                                                                                                                                                     ; OTHER INFORMATION: Chemically synthesized oligomer US-08-885-126-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-885-126-17
                                                                                                                                                                                                                                                                           EARLIER FILING DATE: 1993-11-16
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FRSUSEQ for Windows Version 3.0
SEQ ID NO 17
LENGTH: 17
TYPE: RNA
TYPE: RNA
                                                                                        Query Match 0.3%;
Best Local Similarity 46.7%;
Matches 7; Conservative 8
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ORGANISM: Artificial Sequence
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                                       281 TCTCTCTCTCTCT 295
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Conservative
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Pred. No. 5.1e+02;
"'-matches 0;
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Pred. No. 5.1e+02;
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GENERAL INFORMATION:

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Best Local
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                                                                    APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEDOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                     APPLICANT: GU, Yizhong APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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CURRENT FILING DATE: 2001-05-25
PRIOR FILING DATE: 2000-10-04
                                     PRIOR APPLICATION NUMBER: US 60/207,456 PRIOR FILING DATE: 2000-05-26
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NUMBER OF SEQ ID
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo sapiens
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ITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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IG DATE: 2001-01-30
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                                                                                                                                                                                               JI, Yonggang
PENN, Sharron G.
HANZEL, David K.
                                                                                                                                                              CHEN, Wensheng
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N, Sharron
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David K.
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Pred. No.
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RESULT 380
US-09-866-108A-6405
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                                      PRIOR APPLICATION NUMBER: PCT/USO1/00667
PRIOR FILING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PCT/USO1/00664
PRIOR APPLICATION NUMBER: PCT/USO1/00664
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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SEQ ID NO 6404
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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TYPE: DNA
ORGANISM: Homo sapiens
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OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00669
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00665
OR APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 60/236,359 FILING DATE: 2000-09-27
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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Prior Application data removed - SEQ ID NOS: 15755
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CHEN, Wensheng
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HANZEL, David K.
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Pred. No.
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                         See
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                       File Wrapper or
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RESULT 382
US-08-657-884-19
; Sequence 19, Application US/08657884
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; ORGANISM: Homo sapiens
US-09-866-108A-6405
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                                                                                                                                                                                                                                     PCT-US93-07603-5
                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 14-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gates, Edward R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: M063
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-720-3500
TELEPHONE: 617-720-2441
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TELEPT: 17-14-88-9418
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 6405
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Best Local Similarity
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Best Local Similarity
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                    MOLECULE TYPE: Other nucleic acid
DESCRIPTION: Nucleotides 1-16 are ribonucleotides
DESCRIPTION: and nucleotide 17 is a deoxyribonucleotide.
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: NUCLEIC ACID RECOGNITION AND TRANSPORT NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                       ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: P
FILING DATE: 19930813
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                            COPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3058 AGATCAAGCTGCAGA 3072
                                                                                                                         281 TCTCTCTCTCTCT 295
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                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
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!: United States of America
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                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                         linear
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                                                                                                                                                                                100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US 07/930,087
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PCT/US93/07603
                                                                                                                                                              score 15; DB
figure Pred. No. 5.1
figure 0; Mismatches
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                                                                                                                                                                                  DB 1; Lo. 5.1e+02;
                                                                                                                                                                                              Length 17;
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                                                                                                                                                                Indels
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US-09-050-559C-25/c
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0.3%; Score 15; DB
Best Local Similarity 100.0%; Pred. No. 5.
Matches 15; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/657,884
FILING DATE: 07-JUN-1996
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,955
                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Sam S-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                COMPUTER: IBM compatible
OPERATING SYSTEM: Microsoft Windows 95/DOS
SOFTWARE: Wordperfect for windows 6.0,
SOFTWARE: ASCII (DOS) TEXT format
CURRENT APPLICATION DATA:
                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inch diskette
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: NOVEL SUBSTRATE F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: SCHREIBER, APPLICANT: PARK, JONG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS
                                                                                                                                                          COUNTRY: USA
ZIP: 94304-1050
                                                                                                                                                                                         STREET: 650 Page N
CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                        ADDRESSEE: David J. Weitz, Wilson Sonsini Goodrich
ADDRESSEE: & Rosati
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: ARLINGTON
  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       533 TGGCAACATCACCCG 547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION:
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1100 NORTH GLEBE ROAD, 8TH FLOOR
                                                                                                                                                                                                                                   650 Page Mill Road
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                                                                                                                                                                                                                                                                                                                                                                           Sam S-K Lee
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                                                                                                                                                                                                                                                                                                                                                         NOVEL SUBSTRATE FOR DETECTING
us/09/050,559C
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US-09-158-980-19
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Best Local Similarity 100.0%;
Matches 15; Conservative
 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
                                                                                                       TELEPAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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                                                                                                                                                                         NAME: WILSON, MARY J.
REGISTRACION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 555-46
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/158,980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: David J. Weitz
REGISTRATION NUMBER: 38,362
REFERENCE DOCKET NUMBER: 16842-746
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS NUMBER OF SEQUENCES: 31
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                                                 MOLECULE TYPE:
                                                                            STRANDEDNESS:
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                                               DNA (genomic)
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0.3%; Score 15;
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Pred. No.
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D, 8TH FLOOR
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DB 1;
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Length 18;
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US-09-811-492-19
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US-08-849-021-67
                  RESULT 386
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                                                                                                                                                                                                          ; MOLECULE TYPE: DNA (genomic); SEQUENCE DESCRIPTION: SEQ ID US-09-811-492-19
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GENERAL INFORMATION:
                                                                                                                                         Matches
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                                                                                                                                                       Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION UNMBER: US/09/811,492
FILING DATE: 19-Jul-2001
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                  NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 555
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 08/657,884
FILING DATE: 07-JUN-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PARK, JONG-GU
TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: SCHREIBER, ALAN D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                     533 TGGCAACATCACCCG 547
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                                                                      3 TGGCAACATCACCCG 17
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                                                                                                                                                         Similarity
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                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: VIRGINIA
                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (703) 816-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: NIXON & VANDERHYE P.C. STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                               LENGTH: 18 base pairs
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                                                                                                                                         Conservative
                                                                                                                                  0.3%; oc.
100.0%; Pr
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                                                                                                                                       Score 15; DB 1; L; Pred. No. 5.7e+02; 0; Mismatches 0;
                                                                                                                                                                                                                              NO:
                                                                                                                                                                                                                                                                                                                                                                                                                        555-46
                                                                                                                                                                        Length 18;
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Sequence 67, Application US/08849021 Patent No. 5955276

GENERAL INFORMATION:

APPLICANT: MORGANTE, MICHELE APPLICANT: VOCEL, JULIE M.
TITLE OF INVENTION: COMPOUND M
TITLE OF INVENTION: PAIMERS FO
TITLE OF INVENTION: POLYMORPHI

PRIMERS FOR THE DETECTION OF GENETIC POLYMORPHISMS

COMPOUND MICROSATELLITE

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                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 387
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Best Local Similarity
                                                                SOFTWARE: 1
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Patent No. 6465213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             -08-849-021-67
ORGANISM: Rattus norvegicus
-09-422-936-19
                                                                                               PRIOR APPLICATION NUMBER: SWEEPRIOR FILING DATE: 1998-07-17
NUMBER OF SEQ ID NOS: 85
                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: SWE
                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/422,936
CURRENT FILING DATE: 1999-10-22
PRIOR APPLICATION NUMBER: US 09/242,608
PRIOR FILING DATE: 1999-02-19
                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ekstranc
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: 85-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
                                                                                                                                                                                 PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                        FILE REFERENCE:
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MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC CUMEALLES OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PATENT IN RELEASE #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE:
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CITY: WILMINGTON
STATE: DELAWARE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                APPLICATION NUMBER: SWEDEN 9800864-2 FILING DATE: 1998-03-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             281 TCTCTCTCTCTCT 295
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                                                                                 FastSEQ
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                                                                                                                                                                         womber: SWEDEN 9703914-2
1997-10-27
                                                                                for Windows Version 4.0
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, 100.0%; Pr
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                                                                                                                                  SWEDEN 9802575-2
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CURRENT APPLICATION NUMBER: US/09/290,640
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 85
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANIEM: Artificial Sequence
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                                                                        ; OTHER INFORMATION: Synthetic Sequence US-09-290-640-53
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US-09-290-640-53/c
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US-09-422-978-6558/c
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CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER FILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-04-21

NUMBER: OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                   Sequence 53, Application US/09290640
Patent No. 6204055
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
TITLE OF INVENTION: Antisense Compound Modulation
FILE REFERENCE: ISPH-0351
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 15; Conserv
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Best Local
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Patent No. 6537751
                 Query Match
Best Local Similarity
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 19
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEATURE:
NAME/FEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-12338 for
                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1034 GCTTCCAGAAGAGCA 1048
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   Conservative
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0.3%; Score 15; DB 1; Le
100.0%; Pred. No. 7e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 6.3e+02;
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                                  Length 20
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 Gaps
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Query Match
Best Local Similarity
Marches 15; Conserve
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Best Local Similarity
Marches 15; Conserve
                US-09-980-052-113/c
Sequence 113, Application US/09980052
Patent No. 6670130
GENERAL INFORMATION:
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                                                                                      RESULT 392
                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Synthetic Sequence US-09-665-615B-53
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CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 106
LENGTH: 20
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APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 53
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/665,615B CURRENT FILING DATE: 2000-09-18 PRIOR APPLICATION NUMBER: US 09/290,640 PRIOR FILING DATE: 1999-04-12 NUMBER OF SEQ ID NOS: 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Marcusson, Eric G.
APPLICANT: Wyatt, Jacqueline
TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: RTS-0216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Dean, Nicholas M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                 FEATURE:
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KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
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Pred. No.
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                                                                                                                                                      ; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1087
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-657-472-1087
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PRIOR APPLICATION NUMBER: KR 10-1999-0019632

PRIOR FILING DATE: 1999-05-29

PRIOR PILING DATE: 1999-05-29

PRIOR FILING DATE: 1999-05-29

PRIOR APPLICATION NUMBER: KR 10-1999-0019634

PRIOR FILING DATE: 1999-05-29

PRIOR PRIOR APPLICATION NUMBER: KR 10-1999-0019635

PRIOR APPLICATION NUMBER: KR 10-1999-0019635

PRIOR APPLICATION NUMBER: KR 10-2000-0018189

PRIOR APPLICATION NUMBER: KR 10-2000-0018189
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SOFTWARE: KopatentIn 1.71
SEQ ID 0 113
                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1087, Application US/09657472 Patent No. 6727063
                                                                           Matches
                                                                                                                                                                                                                                 SEQ ID NO 1087
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Best Local
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PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825,1027-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/980,052
CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
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TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
FILE REFERENCE: PP05020/PCT
                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lander, Eric S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2000-04-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
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                                    748 TGGACCAGCTCATCGAG 764
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Ireland, James S
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PARK, Hee Kyung
                                                                           Conservative
                                                                                                                                                                                                                                                     for Windows Version 4.0
                                                                                             0.3%;
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Pred. No.
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                                                                                           7.6e+02;
                                                                                                                   DB 1;
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7e+02;
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RESULT 395
US-08-849-021-66
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; MOLECULE TYPE:
US-08-849-021-63
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                                                                                                                                                                  Patent No.
                                                                                                                                                                                  Sequence 66,
                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/346,456

PILING DATE: 28 NOVEMBER 1994

ATTORNEY/AGENT INFORMATION:

NAME: FLOYD, LINDA AXAMETHY

REGISTRATION NUMBER: 33,692

REFERENCE/DOCKET NUMBER: BB-1064-A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 302-892-8112

TELEPHONE: 302-892-8112
                                                                                                                                                   GENERAL INFORMATION:
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                                             TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0,
CURRENT APPLICATION DATA:
                                                                                                                APPLICANT: MORGANTE, MICHELE APPLICANT: VOGEL, JULIE M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                               NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 435
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                                                                                                                                                                                Application US/08849021
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DU PONT DE NEMOURS AND
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                                             DETECTION OF GENETIC POLYMORPHISMS
                                                                               PRIMERS FOR THE
                                                                                             COMPOUND MICROSATELLITE
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Pred. No.
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Best Local Similarity
Marches 15; Conserva
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US-08-353-657-4
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STATE: NY

ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: P1000 PATCH PC COMPUTER: P1000 PATCH PC PATCH 
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APPLICATION NUMBER: 08/346,456
PILING DATE: 28 NOVEMBER 1994
ATTORNEY AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Kmiec,
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kmiec, Eric
TITLE OF INVENTION: Compounds and Methods for Site Directed
TITLE OF INVENTION: Mutations in Eukaryotic Cells
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
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STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 1100 KCITY: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
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100.0%; Pred. No. 8.3e+02
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US-08-709-982-4
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RESULT 398
US-08-982-866-4
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Best Local Similarity
Matches 18; Conserv
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                                                                                                                                   Matches
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                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/353,657
FILING DATE: 09-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Friebel, Thomas E.
REGISTRATION NUMBER: 29.258
REFERENCE/DOCKET NUMBER: 7991-009
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Kmiec, Eric
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INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                      TELEFAX: (212) 869-8864/9741
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                      MOLECULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: Ni
STATE: Ni
STP: 10036-2711
                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/01
FILING DATE: 09-SEP-1996
CLASSIFICATION: 435
                                                                                                                                                   Local Similarity
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TOPOLOGY: 111
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DEDNESS: single
                                                                 GCCCACACCGACGGCGCCACCAC 23
                                                                                                                                                                                                                                                                                    23 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Pennie & Edmonds
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     23 base pairs
                                                                                                                                   Conservative
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78.3%;
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                                                                                                                                                   Score 15; DB 1;
Pred. No. 9e+02;
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Pred. No. 9e+02;
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                                                                                                                                                                   Length 23;
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                                                                                                                                   Indels
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APPLICATION NUMBER: US 08/709,982

PILING DATE: 09-SEP-1996

APPLICATION NUMBER: US 08/353,657

PILING DATE: 09-DEC-1994

ATTORNEY/AGENT INFORMATION:

NAME: Friebel, Thomas E.

REGISTRATION NUMBER: 29,258

REFERENCE/DOCKET NUMBER: 7991-009

TELECOMMUNICATION INFORMATION:

TELESPHONE: (212) 790-9090

TELEFAX: (212) 869-8864/9741

INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                     Sequence 9, Application US/08448561
Patent No. 5908827
GENERAL INFORMATION:
APPLICANT: SIRNA, Antonio
TITLE OF INVENTION: NEW PROTEIN FROM URINE NAMED COMPONENT
NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/08982866 Patent No. 5871984
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.3%;
Best Local Similarity 78.3%;
ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC COMPUTER:

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENTIN Release #1.0, Ve

CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDLIM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/982,866
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LENGTH: 23 base pairs
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TITLE OF INVENTION: Compounds and Methods for Site Directed
TITLE OF INVENTION: Mutations in Eukaryotic Cells
                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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STATE:
                                                                                                                                                                                                       STREET:
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                                                                                                                                               COUNTRY:
                                                                                                                                                                    STATE:
                                                                                                                                                                                   CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
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                                                                                                                                                                D.C.
                                                                                                                                                                                                         E: BROWDY AND NEIMARK, P. 419 Seventh Street, N.W.,
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1155 Avenue of the Americas
                                                                                                                                             USA
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Pred. No. 9e+02;
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W., Suite 300
                       Version #1.25 (EPO)
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Best Local &
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REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: SIRI
TELECOMMUNICATION INFORMATION:
TELEPHONB: 202-628-5197
TELEFAX: 202-737-3528
                                                   TELEFAX: (650) 638-607
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                        APPLICATION NUMBER: US/09/048,880
FILING DATE: 26-WAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: TO Be Assigned
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                     REFERENCE/DOCKET NUMBER: 4382
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 638-6245
                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHODS FOR EXOGENOUS, INTERNAL CONTROLS TITLE OF INVENTION: DURING NUCLEIC ACID AMPLIFICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
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CORRESPONDENCE ADDRESS:
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HYPOTHETICAL:
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PRIOR APPLICATION DATA:
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            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: The Perkin-Elmer Corporation STREET: 850 Lincoln Centre Drive CITY: Foster City,
                                                                                                                                                       NAME: Scott R. Bortner
REGISTRATION NUMBER: 34,298
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94404
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STRANDEDNESS: single
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                                   ENGTH:
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18; Conserv
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                               23 base pairs
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                                                                                    (650) 638-6071
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single
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78.3%;
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Pred. No.
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APPLICANT: Ruffner, Duane E.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
ITILE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.PCT.US
CURRENT APPLICATION NUMBER: US/09/647,344A
CURRENT FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
NUMBER OF SEQ ID NOS: 50
SEQ ID NO
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                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib US-09-647-344A-3
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US-09-150-900-7/c
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Best Local Similarity 78.3
Matches 18; Conservative
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LENGTH: 23
                                                                                                                                 Query Match 0.3%;
Best Local Similarity 78.3%;
Matches 18; Conservative
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APPLICANT: Scowe S.
APPLICANT: Sommer, Steve S.
APPLICANT: Sommer, Steve S.
APPLICANT: Sommer, Steve S.
APPLICANT: Sommer, Steve S.
APPLICANT: NUMBER: US/09/150,900
CURRENT APPLICATION NUMBER: US/09/150,900
CURRENT FILING DATE: 1998-09-10
EARLIER APPLICATION NUMBER: 60/058575
EARLIER APPLICATION NUMBER: 60/058575
MINMEER OF SEQ ID NOS: 48
NUMBER OF SEQ ID NOS: 48
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                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            y Match 0.3%;
Local Similarity 78.3%;
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                                              GGTGAAGTTTGGTGAGACTCTTC 2862
GCTGAAGCTTGGTGACTGTCTTC 1
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78.3%;
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                                                                                                                                                                      Score 15; DB 1;
Pred. No. 9e+02;
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Pred. No. 9e+02;
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Pred. No.
                                                                                                                                 Mismatches
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                                                                                                                                     Gaps
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GENERAL INFORMATION:

APPLICANT: Chow, Robert

APPLICANT: Tonai, Richard

APPLICANT: Tonai, Richard

APPLICANT: StemCyte, Inc.

TITLE OF INVENTION: High Throughput Methods of

FILE REFERENCE: 020035-000210US

CURRENT APPLICATION NUMBER: US/09/747,391

CURRENT FILING DATE: 2001-07-13

PRIOR APPLICATION NUMBER: US 60/172,768

PRIOR FILING DATE: 1999-12-20
                                                                                                                                                                                                          RESULT 405
US-09-792-024-412/c
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; ORGANISM: Homo sapiens
US-09-747-391-189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 403
US-09-747-391-189/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Mead, David A.
APPLICANT: Mead, David A.
APPLICANT: Godiska, Ronald
TITLE OF INVENTION: CLONING VECTORS AND VECTOR COMPONENTS
FILE REFERENCE: MICRO-06635
CURRENT APPLICATION NUMBER: US/10/001,052
CURRENT FILING DATE: 2001-11-15
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.1
SEQ ID NO 48
LENGTH: 23
                                                                                                                                                  Sequence 412, Applica Patent No. 6783985 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 48, Application US/10001052
Patent No. 6709861
GENERAL INFORMATION:
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Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local
APPLICANT: Jiang, Bo
APPLICANT: Boone, Charles
APPLICANT: Bussey, Howard
TITLE OF INVENTION: Gene Disruption Methodologies for Drug
TITLE OF INVENTION: Targets Discovery
FILE REFERENCE: 10182-004-999
                                                                                                              APPLICANT: Roemer, Terry APPLICANT: Jiang, Bo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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Pred. No. 9e+02;
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Pred. No. 9e+02;
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PCT-US94-14181-4
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; MOLECULE TYPE:
PCT-US94-14181-4
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CURRENT FILING DATE: 2001-02-20
NUMBER OF SEQ ID NOS: 490
SOFTWARE: FREESEQ for Windows Version 4.0
SEQ ID NO 412
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application PC/TUS9414181 GENERAL INFORMATION:
                                                           Matches
                                                                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                  TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                CLASSIFICATION:
ATTORIEY AGENT INFORMATION:
ATORIEY Friebel, Thomas E.
NAME: Friebel, Thomas E.
REGISTRATION NUMBER: 29,258
REFERENCE/DOCKET NUMBER: 7991
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kmiec, Eric
TITLE OF INVENTION: Compounds and Methods for Site Directed
TITLE OF INVENTION: Mutations in Eukaryotic Cells
                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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                             3911 GCCCACCCCGACGCCGCGGCCGC 3933
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Similarity 78.3%;
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GCCCACACCGACGGCGCCACCAC 23
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                                                           Conservative
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Pred. No.
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Pred. No.
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                                                                                       Length 23;
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RESULT 407 US-09-232-785-364 ; Sequence 364, Application US/09232785 ; Patent No. 6733965

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; ORGANISM: Pinus taeda L.
US-09-232-785-364
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SEQ ID NO 364
LENGTH: 33
                                                                                                                                             Patent No.
                                                                                                                                              Sequence 1347, Application US/08758306 Patent No. 5807743
                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: F
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APPLICANT: Nelson, C.
TITLE OF INVENTION: MI
TITLE OF INVENTION: TH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity
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Patent No. 6733965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Nelson, C. Dana
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MAR
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
CURRENT FILING DATE: 09/232,884
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                                                                                                                               GENERAL INFORMATION:
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PRIOR FILING DATE: 1999-0
NUMBER OF SEQ ID NOS: 397
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 09/:
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Pinus taeda
                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 36
                                            TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                             APPLICANT: Stinchcomb,
APPLICANT: McSwiggen, J
                                                                                                                                                                                                                                                                       4409 TATAGATAATAATATTAATAATAATAAT 4439
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               OF INVENTION:
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ဝ္ဗ
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SEQUENCES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          International Paper Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Echt, Craig.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     International Paper Co
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MICROSATELITE DNA MARKERS AND USES
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                                                              METHOD AND REAGENT FOR TREATMENT OF DISEASES
               GAMMA-CHAIN EXPRESSION
                              ASSOCIATED WITH INTERLEUKIN-2 RECEPTOR
                                                                                             James A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           09/232,884
                                                                                                                                                                                                                                                                                                            0;
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Pred. No. 1.5e+03;
0; Mismatches 10
                                                                                                                                                                                                                                                                                                                            Score 15; DB 1;
Pred. No. 1.7e+03;
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                                                                                                 ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-072-9
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                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-758-306-1347
                                                                                                                                                                                  SEQ ID NO 9
LENGTH: 18
                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.3%;
Best Local Similarity 88.9%;
                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 9, Appl:
Patent No. 60157
                                                                                                                                                                                                                 TITLE OF INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION FILE REFERENCE: RTS-0027 CURRENT APPLICATION NUMBER: US/09/357,072 CURRENT FILING DATE: 1999-07-19 NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOPTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,3
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                     APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                    APPLICANT: Brett P. Monia APPLICANT: Brenda F. Baker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (21
TELEFAX: (213)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2413 AGGAAGAAATCACGTTTG 2430
3344 CCAGCCGCCCAAGGACTC 3361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            18 AGGAAGAAATCAGGTGTG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                        Application US/09357072
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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                                               0.3%;
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                               Score 14.8; DB 1;
Pred. No. 6.3e+02;
0; Mismatches 2
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Pred. No. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DOS 5.0
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                                                                  DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 18;
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Patent No. 6077672
GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
FILE REFERENCE: RTS-0005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No. 6093874
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 27
                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,272
FILING DATE: 15-AUG-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/879,827
FILING DATE: 20-JUN-1997
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/700,152
FILING DATE: 20-AUG-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             -08-912-272-51/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
NUMBER OF SEQ ID NOS: 87
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH: 18
                              NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 023070-067220US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Jofuku, K. Diane
APPLICANT: Okamuro, Jack K.
TITLE OF INVENTION: methods
NUMBER OF SEQUENCES: 103
                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 94111-3834
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            California
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Two Embarcadero
                      (415)
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                  576-0300
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Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .
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Pred. No. 6.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         for Improving Seeds
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RESULT 413
US-09-026-039-51/c
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Best Local Similarity
Matches 16; Conserv
                                                                                                             INFORMATION FOR SEQ ID NO: 51
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base --
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                     PILING DATE: 20-JUN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATE: 20-AUG-1996
ATTORNEY AGENT INFORMATION:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,77
                                                                                                                                                                                                                                                                                                                                            PRICE APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/879,827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 19-FEB-CLASSIFICATION: 800
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Jofuku, K. Diane
APPLICANT: Okamuro, Jack K.
TITLE OF INVENTION: Methods for Improving Seeds
NUMBER OF SEQUENCES: 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY:
                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Rel
                               FEATURE:
NAME/KEY:
                                                           STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA
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ADDRESSEE: Townsend and
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LOCATION: 1..18
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/912,272 FILING DATE: 15-AUG-1997
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OTHER INFORMATION:
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                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         322 CTCCGCAGCTCAGTTTCC 339
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Two Embarcadero Center, Eighth Floor
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/note= "JORAP2.2U primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note= "JORAP2.2U primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US/09/026,039
                                                                                                                                                                                                                                                                                                        US 08/700,152
                                                                                                                                                                                                                                       34,774
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Pred. No. 6
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                                                     Matches
                                                                           Query Match
                                                                                                                                                                                      TELEX: 67-3510
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Merlo, Doi
TITLE OF INVENTION: 0
TITLE OF INVENTION: 1
TITLE OF INVENTION: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 tent No.
                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 32,327
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFX: 67-1610
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                           FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: July 1 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: JUCCLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ALUUKESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM:
                                                                Local
                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                      NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                           ENGTH:
                       322 CTCCGCAGCTCAGTTTCC 339
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                                                                Similarity
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California
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                                                                                                                                                          18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Suite 4700
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                                                   Conservative
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McSwiggen, James A.
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                                                                                                                   is: single
linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                          IBM Compatible
                                                                                                                                                                                                                                                                                                                                    July 13,
                                                                                                                                                                                                                                                                                                                                                                                          July 12, 1996
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                                                               0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Thomas A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                IBM P.C.
                                                                                                                                                                                                                                                                                                                       60/001,135
13, 1995
08/300,726
                                                                                                                                                                                                                                                                                                                                                                                                         US/08/679,645
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18
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                                                  0; Mismatches
                                                               Score 14.8; DB 1;
Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
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; NAME/KEY: primer_bind
; LOCATION: 1..18 ;
; OTHER INFORMATION: upstream amplification primer 99-6893 for SEQ 1852,
US-09-422-978-5786
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US-09-422-978-5786/c
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Patent No. 6537751
GENERAL INFORMATION:
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                                                                                                                                                                                                                                 SEQ ID NO 5786
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Best Local Similarity
Matches 16; Conserv
                                     Query Match
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Best Local
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                       EARLIER FILING DATE:
                                                                                                                                                                                                                                                                                                         EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
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                                                                                                                                                                                                                                                                                           EARLIER APPLICATION NUMBER: US 60/082,614
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                                                                                                                                                                     LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo Sapiens FEATURE: NAME/KEY: primer_bind LOCATION: 1..18
                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: upstream amplification primer 99-17938 for
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                     88.9%;
Score 14.8; DB 1
Pred. No. 6.3e+02
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Pred. No. 6.3e
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; NAME/KBY: primer bind
; LOCATION: 1..18 -
; LOCATION: 10.118 -
; OTHER INFORMATION: downstream amplification primer 99-23427 for SEQ 3105, in complem
US-09-422-978-10970
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TITLE OF INVENTION Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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                                                                   Query Match
Best Local Similarity
Matches 16; Conserv
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Patent No. 6586175
GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local
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LENGTH: 18
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                                                                                                                                                  ORGANISM: H. sapiens
-09-356-806-126
                                                                                                                                                                                                                                                                                                                                   APPLICANT: Penny, Laura
APPLICANT: Galvin, Margaret
APPLICANT: Miller, Andrew
APPLICANT: Reidy, Michael
TITLE OF INVENTION: Genotyping Human
TITLE OF INVENTION: UDP-Glucuronosyltransferase
TITLE OF INVENTION: 2B15 (UGT2B15) Genes
                                                                                                                                                                                                                                                                                FILE REFERENCE: SEQ-22PRV2
CURRENT APPLICATION NUMBER: US/09/356,806
CURRENT FILING DATE: 1999-07-20
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                                                                                                                                                                                      TYPE: DNA
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Local Similarity 88.9%;
nes 16; Conservative
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                                                                       Score 14.8; DB 1;
Pred. No. 6.3e+02;
0; Mismatches 2
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Pred. No. 6.3e+02;
0; Mismatches 2
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                                                                                                                                                                                                                                                                                                                                                             2B4 (UGT2B4),
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                                                                                                                                            ; OTHER INFORMATION: (GCG) 6 probe US-09-500-700-68
                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/500,700
CURRENT FILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: US 08/863,813
PRIOR FILING DATE: 1997-05-27
PRIOR APPLICATION NUMBER: US 08/676,318
PRIOR FILING DATE: 1996-12-30
PRIOR APPLICATION NUMBER: PCT/US95/00829
PRIOR APPLICATION NUMBER: PCT/US95/00829
PRIOR APPLICATION NUMBER: US 08/312,604
PRIOR APPLICATION NUMBER: US 08/312,604
PRIOR APPLICATION NUMBER: US 08/313,119
PRIOR APPLICATION NUMBER: US 08/183,119
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                                                            Query Match
Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 68
LENGTH: 18
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Best Local Similarity
Matches 16; Conserv
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 142
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APPLICANT: Miller, Margaret
APPLICANT: Miller, Andrew
APPLICANT: Miller, Andrew
APPLICANT: Reidy, Michael
TITLE OF INVENTION: Genotyping Human
TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
TITLE OF INVENTION: 2B15 (UGT2B15) Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: WRIGHT, Peter B.
TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES
FILE REFERENCE: SCRIP1160-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: THE SCRIPPS RESEARCH INSTITUTE APPLICANT: BARBAS III, Carlos F. APPLICANT: GOTTESFELD, Joel M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: SEQ-22PRV2
CURRENT APPLICATION NUMBER: US/09/356,806
CURRENT FILING DATE: 1999-07-20
                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1994-01-18
                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: H. sapiens
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TYPE: DNA
3919 CGACGCCGCGGCCGCCGC 3936
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Pred. No. 6.3e+02;
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Pred. No. 6
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APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET.018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEO ID NOS: 578
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Best Local Similarity
Matches 16; Conserv
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  Query Match
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SEQ ID NO 538
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Sequence 538, Appr
Serent No. 6265546
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GENERAL INFORMATION:
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                                                            EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
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EARLIER FILING DATE: 1997-12-22
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TITLE OF INVENTION: PROSTATE CANCER GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: GENSET.18CP1CP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Cohen, Dani
APPLICANT: Blumenfeld,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-60-293.mis2
                                            LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-60-293.mis2
                                                                                                                                 ORGANISM: Homo Sapiens
                                                                                                                                                         TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/09218207
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Score 14.8;

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; NAME/KEY: primer_bind ; LOCATION: 1..19
OTHER INTORMATION: upstream amplification primer 99-24768 for SEQ 3205, US-09-422-978-7139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 423
US-09-422-978-7139/c
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US-09-422-978-7300/c
                                                                                                                      NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7300
LENGTH: 19
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SEQ ID NO 7139
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                 APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
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APPLICANT: Blumenfeld, Max
APPLICANT: Chimakov, Ilya
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EARLIER APPLICATION NUMBER: US 60/082,614
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
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TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
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                                                                                                                                                                                  EARLIER FILING DATE:
                    NAME/KEY: primer_bind LOCATION: 1..19
                                                                            ORGANISM: Homo Sapiens
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INFORMATION: upstream amplification primer 99-3524 for
                                                                                                   DNA
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Pred. No. 7e
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; ORGANISM: Homo sapiens
US-09-544-398B-253
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                                                                     ; OTHER INFORMATION: Cyclin D3 ribozyme binding site
US-09-696-791-1985
                                                                                                                                                        Sequence 1985, Application US/09696791
Patent NO. 6770633
GENERRAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1985
LENGTH: 19
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SEQ ID NO 253
LENGTH: 19
                  Query Match
Best Local
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Matches 16; Conservative
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CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR TILING DATE: 1999-01-13
PRIOR FILING DATE: 1998-01-13
PRIOR FILING DATE: 1998-01-13
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TITLE OF INVENTION: High bone mass gene of 11q13.3
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                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
   Local Similarity 88.:
nes 16; Conservative
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16; Conserv
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Recker, Robert R.
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Pred. No. 7e+0
0; Mismatches
                  Score 14.8; DB 1; Length 19; Pred. No. 7e+02;
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7e+02;
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US-09-696-791-3839/c
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                                                                                                                                  US-09-696-791-3839
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                                                                                                                                                                                                SOFTWARE: Pat
SEQ ID NO 3839
LENGTH: 19
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3839, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
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SEQ ID NO 3837
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                                                                               Query Match
Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 480124.407
                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT TITLE OF INVENTION: SKIN AND EYE DISEASES
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TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                               ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                OTHER INFORMATION: Cdc25 hs ribozyme binding site
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Local Similarity 88.9%;
hes 16; Conservative
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                    1589 GGTGGAAACAGAGAAGGA 1606
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                                                                                Similarity
 GGGGAAACAAAGAAGGA
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                                                                 Conservative
                                                                               0.3%;
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Pred. No. 7e+0
0; Mismatches
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                                                                 Mismatches
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                                                                                                Length 19;
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                                                                 Gaps
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RESULT 429 US-08-167-113-16/c

Sequence 16, Application US/08167113
Patent No. 5776672
GEMERAL INFORMATION:
APPLICANT: HASHIMOTO, Koji

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RESULT 430
US-08-532-050-6/c
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                    Sequence 6, Application US/08532050 Patent No. 5811636
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TELEPAX: 703-413-220
TELEY: 24885 OPAT UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                     GENERAL INFORMATION:
   APPLICANT: Ozias-Akins, Peggy
APPLICANT: Dujardin, Michel
TITLE OF INVENTION: APPONIXIS FOR PRODUCING TRUE-BREEDING
TITLE OF INVENTION: PLANT PROGENIES
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: USDA-ĀRS-OTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 28-SEP-1990

PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 3-90879

FILING DATE: 22-APR-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 3-191868
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CORRESPONDENCE ADDRESS:
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
ADDRESSEE: 1755 S. JEFFERSON DAVIS HWY, SUITE 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 39-3751-0 FWC CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F
REGISTRATION NUMBER: 24,6
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APPLICATION NUMBER: US 07/766,064
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ISHIMORI,
APPLICANT: GOTOH, Ma
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                 APPLICANT: HANNA, WAYNE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 28-SE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 31-JUL-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
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FILING DATE: 16-DEC
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                                                                                                                                                                                                                                                                                                                                      536 CAACATCACCCGCTCCAA 553
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ROOM 409, BLDG. 005, BARC-W
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VENTION: GENE DETECTION METHOD
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ISHIMORI, Y
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Pred. No. 7.7e+02;
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RESULT 431
US-08-886-161-16/c
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                                                                COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/886,161
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 16, Application US/08886161
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APPLICANT: HASHIMOTO,
APPLICANT: ITO, Keiko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 301-504-5060 INFORMATION FOR SEQ ID NO:
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HYPOTHETICAL: N
ANTI-SENSE: NO
             FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/532,050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy
                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                  APPLICANT: ISHIMORI, YOShio
APPLICANT: GOTOH, MASANORI
TITLE OF INVENTION: GENE DETECTION METHOD
NUMBER OF SEQUENCES: 21
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TELECOMMUNICATION INFORMATION:
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NAME: POULOS, GAIL E.
                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                    CITY: ARLINGTON STATE: VA
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STRANDEDNESS: sing
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ZIP: 20705
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                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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MARYLAND
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                                                                                                                                                                                                                                                                                                     OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT 55 S. JEFFERSON DAVIS HWY, SUITE 400
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28-SEP-1990
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                JP 2-259011
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                                                              08/167,113
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Pred. No. 7.7e+02;
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                                                                                                                                                         Version
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/S-09-12.
/ Sequence 9, App.
/ Sequence 9, App.
/ Patent No. 6057437
/ Patent INFORMATION:
/ Amiya, K
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                                                                                                       RESULT 433
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                                                                                       US-09-089-195-18
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TELEX: 24885 OPAT UR
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base main
Sequence 18, Application US/09089195
Patent No. 6087489
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
TITLE OF INVENTION: ANTISENSE OL:
                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Kamiya, Kinya
APPLICANT: Matsuda, Yoko
APPLICANT: Uchida, Kiyoshi
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
FILE REFERENCE: 07998/030001
                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 2: SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/120,853
CURRENT FILING DATE: 1998-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EARLIER APPLICATION NUMBER: JP 213838/1997 EARLIER FILING DATE: 1997-07-25
                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Artificial OTHER INFORMATION: nucleic acid sequence
                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 39
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
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FILING DATE: 22-APR-1991
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: other nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: OBLON, NORMAN F
REGISTRATION NUMBER: 24,618
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                                                                                                                                                                                             267
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   ANTISENSE OLIGONUCLEOTIDE MODULATION
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Pred. No. 7.7e+02
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                                                                                                                                                                                                                                                               DB 1;
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NUMBER OF SEQ ID NOS: 89
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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best Local Similarity 88.9%;
Matches 16; Conservation
                                                              Matches
                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                Sequence 31, Application US/09418641A Patent No. 6124133
                                                                               Best Local
                                                                                                                                                                                                                                                             TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION FILE REFERENCE: RTS-01.05
CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                              APPLICANT: Jennifer K. Taylor APPLICANT: Lex M. Cowsert
                                                                                                                                             OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE:
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                             1175 AGAAGTCATCCGGACCCT 1192
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Similarity 88.9%;
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66 East Main Street
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                                                              Conservative
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                                                                             Score 14.8; DB 1;
Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
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                                                              Mismatches
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RESULT 435 US-09-444-053-44

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RESULT 437
US-09-435-296-22/c
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US-09-513-729B-15/c
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                                                                                                          GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISNUSE MODULATION OF
FILE REFERENCE: RTS-0116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt '
APPLICANT: JACQUELINE WYATTS
                                              SEQ ID NO 22
                                                                                                                                                                                               Sequence 22, Application US/09435296 Patent No. 6171860
                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local :
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SEQ ID NO 15
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Best Local Similarity
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVESTION.

FILE REPERENCE:

CURRENT APPLICATION NUMBER: US/09/513,729B

CURRENT FILING DATE: 2000-02-24

CURRENT FILING DATE: 88
                                                              CURRENT APPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
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APPLICANT: Lonna T. Ward
APPLICANT: Lex M. Cowsert
             LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 20
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Pred. No. 7
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Pred. No. 7
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US-09-490-692-101/c
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                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-488-671-40/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-101
                                                                                                                        US-09-488-671-40
                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/488,671A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 40
LENGTH: 20
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GENERAL INFORMATION:
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SEQ ID NO 101
LENGTH: 20
TYPE: DNA
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APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowsert
                                                            Matches
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Best Local Similarity
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                                                                                         Query Match
                                                                                                                                                                                                                                                                              APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
FILE REFERENCE: RTS-0123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION FILE REFERENCE: RTS-0120 CURRENT APPLICATION NUMBER: US/09/490,692 CURRENT FILING DATE: 2000-01-24
                                                                                                                                                                                                                                                                                                                                           APPLICANT: Robert McKay
APPLICANT: Madeline M. I
                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                       TYPE: DNA
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                                                          Local Similarity hes 16; Conserv
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les 16; Conserv
                             1851 GTGATCGGCACCCAAGAG 1868
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                                                          Score 14.8; DB 1;
Pred. No. 7.7e+02;
0; Mismatches 2;
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Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
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; ORGANISM: synthetic construct
US-09-194-478-7
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; ORGANISM: Artificial Sequence
; PEATURE;
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-560-594-35
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; Sequence 35, Application US/09560594
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                                                  GENERAL INFORMATION:
APPLICANT: Hasebe, Masahisa
APPLICANT: Goto, Masanori
APPLICANT: Tosu, Mariko
TITLE OF INVENTION: Method for Detection of Mutations
FILE REFERENCE: PU96-1684
                                                                                                                                                                  Sequence 8, Application US/09194478 Patent No. 6284463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 7
LENGTH: 20
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
FILE REFERENCE: RTS-0144
CURRENT APPLICATION NUMBER: US/09/560,594
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Tosu, Mariko
TITLE OF INVENTION: Method for Detection of Mutations
FILE REFERENCE: PU96-1684
CURRENT APPLICATION NUMBER: US/09/194,478
CURRENT FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: PCT/SE97/00839
PRIOR FILING DATE: 1997-05-22
CURRENT APPLICATION NUMBER: US/09/194,478
CURRENT FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: PCT/SE97/00839
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. ?
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                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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Pred. No. 7
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Pred. No. 7.7e+02;
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US-09-484-617-69
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US-09-484-617-69/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-09-488-744A-86
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; ORGANISM: synthetic construct
US-09-194-478-8
                                                          NUMBER OF SEQ ID NOS: 176
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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Best Local Similarity
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APPLICANT:
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEKK2 EXPRESSION
FILE REFERENCE: RTS-0108
CURRENT APPLICATION NUMBER: US/09/488,744A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
                                                                                                                     CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT FILING DATE: 2000-01-18
                                                                                                                                         APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RTS-0103
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PRIOR APPLICATION NUMBER: SWEDEN
PRIOR FILING DATE: 1996-05-29
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TYPE: DNA
ORGANISM: Artificial Sequence
              OTHER INFORMATION:
                                       ORGANISM: Artificial Sequence
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    Application US/09488744A
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William Gaarde
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Susan M. Freier
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              Antisense Oligonucleotide
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Pred. No. 7
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Pred. No. 7
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Query Match

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Score 14.8;

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Length 20;

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RESULT 446
US-09-328-750A-8
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US-09-629-645A-51/c
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SEQ ID NO 51
LENGTH: 20
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Patent No. 6410722
GENERAL INFORMATION:
APPLICANT: McGill University et al.
TITLE OF INVENTION: HUMAN AND MAMMALIAN DNA
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Best Local
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CURRENT APPLICATION NUMBER: US/09/629,645A
CURRENT FILING DATE: 2000-07-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
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                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/033,374
FILING DATE: 16-DEC-1996
APPLICATION NUMBER: 60/047,322
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/328,750A
FILING DATE: 09-Jun-1999
CLASSIFICATION: <Unknown>
REGISTRATION NUMBER: 4166
REFERENCE/DOCKET NUMBER: 1770-162PCT FC/ld
TELECOMMUNICATION INFORMATION:
TELEPHONE: 514 845-7126
                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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ADDRESSEE: SWABEY OGILVY RENAULT
STREET: 1981 McGill College Aven
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ZIP: H3A 2Y3
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                                                                                                                                                                                                                                                                                                                                                                                                                                College Avenue
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Pred. No. 7.
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                                                                                                                                                                                                                                                                                                                                     RESULT 448
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                                                                US-09-198-452A-2493
                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence
TITLE OF INVENTION: thereof and uses thereof, in particul
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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SEQ ID NO 1870
LENGTH: 20
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APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and
TITLE OF INVENTION: thereof and uses thereof, in particular
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                           NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2493
LENGTH: 20
              Query Match
Best Local (
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Best Local Similarity
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                             ORGANISM: Chlamydia pneumoniae
                                                                                               TYPE: DNA
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              Score 14.8; DB 1;
Pred. No. 7.7e+02;
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Pred. No. 7
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Pred. No. 7.
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RESULT 451
US-09-710-794-16
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US-09-198-452A-6050
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GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preva
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 35, Application US/09679299A
PATENT NO. 6566135
GENERAL INFORMATION:
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 6050
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
                                                                                                         GENERAL INFORMATION:
                                                                                                                             Sequence 16, Application US/09710794 Patent No. 6573069
                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local (
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LENGTH: 20
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Best Local
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                                              APPLICANT: Holloway, James L.
APPLICANT: Gao, Zeren
APPLICANT: Whitmore, Theodore
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -09-198-452A-6050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
                                APPLICANT: Gao, Zeren
APPLICANT: Whitmore, Theodore E.
TITLE OF INVENTION: NOVEL CRIB PROTEIN ZMSE1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: RTS-0187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 6849
CURRENT APPLICATION NUMBER: US/09/710,794
                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                     REFERENCE:
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Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
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US-10-027-983-28/c
; Sequence 28, Application US/10027983
; Patent No. 6617162
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US-09-909-595-63/c
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                                                                                                                                                                                                                                                                                         RESULT 453
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SEQ ID NO 63
LENGTH: 20
TYPE: DNA
                                     NUMBER OF SEQ ID NOS: 98
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORCANTON
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APPLICANT: C. Frank Bennett
APPLICANT: Brenda F. Baker
APPLICANT: Jacqueline Wyatt
APPLICANT: Scott E. Davis
TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
FILE REFERENCE RTS-023
CURRENT APPLICATION NUMBER: US/09/909,595
CURRENT FILING DATE: 2001-07-18
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PRIOR APPLICATION NUMBER: US 60/164,685
PRIOR FILING DATE: 1999-11-10
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Best Local Similarity
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Patent No. 6586245
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Best Local (
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                                                                                                               APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
IITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/027,983
CURRENT FILING DATE: 2001-12-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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les 16; Conserv
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Pred. No. 7.7e+02
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RESULT 456
US-08-303-009-8
; Sequence 8, Application US/08303009
; Patent No. 5571697
; GENERAL INFORMATION:
; APPLICANT: Conneely, Orla M., et
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Best Local Simi
Matches 16;
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TITLE OF INVENTION: HUMAN GLUCOSE-DEPENDENT INSULIN-SECRETING CELL LINE
FILE REFERENCE: 81476-0255389
CURRENT APPLICATION NUMBER: US/09/920,868A
CURRENT FILING DATE: 2001-08-02
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin version 3.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/08/983,605A CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EAGLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 91
LENGTH: 20
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GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                               Matches
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Best Local
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TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum Aestivum and Tribe Triticase and the Use of
TITLE OF INVENTION: Said Markers
FILE REFERENCE: 2936.10400
                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                                                                                                                                               ORGANISM: Triticum aestivum
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ilarity 88.9%;
Conservative
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            Conneely, Orla M., et al
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Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
0; Mismatches 2;
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Pred. No. 7.
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US-08-242-098-9/c
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TELEPAX: 415/84-3694
TELEPAX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best
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                                                                                                                                                                                                                                                                                                                                                                                                Sequence 9, Application US/08242098 Patent No. 5691185
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/303,009

FILING DATE: Concurrently herewith.
                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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ATTORNEY/AGENT INFORMATION:
NAME: Albert P. Halluin
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 8200
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ITITLE OF INVENTION: ITITLE OF INVENTION: INVENTION: INVENTION: ITITLE OF SEQUENCES:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & L.
                                                                                                                                                                                                                                TITLE OF INVENTION: Lactic Acid Bacterial Suppressor Mutants
TITLE OF INVENTION: and Their Use as Selective Markers and a
                                                                                                                                                                                                                                                                                                      APPLICANT: DICKELY, Francoise
APPLICANT: JOHANSEN, Eric
APPLICANT: NILSSON, Dan
APPLICANT: HANSEN, Egon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE: NO
                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                              ZIP:
                                                                                                                                             CITY: Washington, D.C.
                                                                                                                                                              ADDRESSEE: Foley & Lardner STREET: 3000 K Street, N.W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       29 AGCACGGCCGCAGAAGAA 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16;
                                                                                                              20007-5109
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AGCGCGGCCGCAGGAGAA 18
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                                                                                                                                                                                                                                                                                       NILSSON, Dan
HANSEN, Egon
STROMAN, Per
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                                                                                                                               USA
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Lactoferrin And Lactoferrin Polypeptide Fragments From
Product In Aspergillus
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Pred. No. 8.4e+02;
                                                                                                                                                                  Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
                       Version #1.25
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APPLICATION NUMBER: FILING DATE: 13-MA

13-MAY-1994

US/08/242,098

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       CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 07/834,543
PILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEAVER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                        ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/255,892
FILING DATE:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: ALLIBERT, PATRICE
APPLICANT: MALLET, FRANCOIS
APPLICANT: MABILET, CLAUDE
APPLICANT: MANDRAND, BERNARD
TITLE OF INVENTION: BROCEDURE FOR DETECTION OF A NUCLEOTIDE
TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
TITLE OF INVENTION: TECHNIQUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (synthetic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                   CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/133,390 FILING DATE: 08-OCT-1993
TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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   202-861-3000
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Pred. No. 8.4e+02;
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                                            1032/94109
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RESULT 460 US-08-915-214-46/c

Sequence 46, Application US/08915214 Patent No. 5814457 GENERAL INFORMATION:

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US-08-588-821-46/c
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                                                           Matches
                                                                                      Query Match
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Patent No. 5712097
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                                                                        Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Kern, Scott E.
APPLICANT: Hahn, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE,
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                             TELEPHONE: 619/678-507
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAt-ENLIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/588,821
FILING DATE: 19-JAN-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 07
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                  STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
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                            2154 AAACTCAGGCGAAACCAA 2171
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19 AAACTCTGGAGAAACCAA 2
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                                                                         Similarity
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: CA
                                                                                                                                                                                                  21 base pairs
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                                                         Conservative
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E: DNA (genomic)
                                                                                                                                                     linear
                                                                                                                                                                  single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Floppy disk
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Pred. No. 8.4e+02,
0; Mismatches
                                                         0; Mismatches
                                                                        Score 14.8; DB 1
Pred. No. 8.4e+02
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                                                                                        DB 1;
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                                                         Gaps
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US-08-915-214-46
                                                                                                                                                                                                                                                                                                                                                                         Sequence 143, Application US/08680326 Patent No. 5925733
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.3%;
Best Local Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                  APPLICANT: TODARO, O
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy daisk
COMPUTER: IBM PC comparable
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lise A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kern, Scott E.
APPLICANT: Hahn, Stephan A.
                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 4225 EXCITY: La Jolla
                                                                                                           COUNTRY:
                                                                                                                           CITY: Palo Alto
STATE: California
                                                                                                                                                                 STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/OFILING DATE: 20-AUG-1997
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                                                                                                                                                                                 ADDRESSEE:
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                                                                                                                                                               E: MORRISON & FOERSTER
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                                                                                                                                                                                                                                                                                  BOSCH, MARNIX
STRAND, KURT
TODARO, GEORGE J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                 USA
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                                                                                                                                                                                                                                                                                                                                        TIMOTHY M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NOVEL TUMOR SUPPRESSOR GENE,
                                                                                                                                                                                                                                  FIBROMATOSIS
                                                                                                                                                                                                                                                  DNA POLYMERASE OF GAMMA HERPES VIRUSES
ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
                                                                                                                                                                                                                    152
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Pred. No. 8.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 21;
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US-09-005-532-46/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
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APPLICANT: KETI, SCOTT E.

APPLICANT: Hahn, Stephan A.

TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
NUMBER OF SEQUENCES: 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                  TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Schiff, J. Michael
REGISTRATION NUMBER: 40,253
REFERENCE/DOCKET NUMBER: 2993
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/005,532
                                                                                                                                 NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619,678-5070
                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 01
FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US
FILING DATE:
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MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
ZIP: 920
                     STRANDEDNESS:
TOPOLOGY: li
                                                                                                                                                                                                                                                                                                              FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (415) -- (415) 494-0792
                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
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                                                                    ENGTH:
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5955292
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                                                  1: 21 base pairs nucleic acid
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                                   single
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Pred. No. 8.4e+02
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; ANTI-SENSE: I
US-08-691-123-8
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                                                                                                 Sequence 8, Application US/09107075 Patent No. 6080559
                                                                                                                                                                                                                                                                                                 Query Match
Best Local (
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Patent No. 5955316
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                  Matches
GENERAL INFORMATION:
APPLICANT: Conneely, Orla M., et al.
TITLE OF INVENTION: Expression of Processed Recombinant
TITLE OF INVENTION: Lactoferrin And Lactoferrin Polypeptide Fragments From
TITLE OF INVENTION: A Fusion Product In Aspergillus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/691,123
FILING DATE: August 1, 1996
CLASSIFICATION: 435
ATTORNEY/ACENT INFORMATION:
NAME: Albert P. Halluin
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 8206-035
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/854-3660
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Conneely, ITITLE OF INVENTION: ETITLE OF INVENTION: LETITLE OF INVENTION: A NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                             nucleic acid
EDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                            linear
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Expression of Processed Recombinant
Lactoferrin And Lactoferrin Polypeptide Fragments From
A Fusion Product In Aspergillus
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                                                                                                                                                                                                                                                                            Score 14.8; DB 1;
Pred. No. 8.4e+02;
n. Mismatches 2;
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Pred. No. 8.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/08866544
Patent No. 6111081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/866,544
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HYPOTHETICAL:
ANTI-SENSE: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 82:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: August 1, 1:
ATTORNEY/AGENT INFORMATION:
NAME: Albert P. Halluin
REGISTRATION NUMBER: 25,;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                       STREET: 1299 Penn:
CITY: Washington
STATE: D.C.
COUNTRY: USA
                                                                                                            ZIP:
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TOPOLOGY: linear
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TELEFAX: 415/854-3694
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                                                                                                             20004
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MAY, GRGREGORY
WARD, PAULINE
                                                                                                                                                                                                                                                                                                                  CONNEELY, ORLA
HEADON, DENIS
LOWER, DANGAN
                                                                                                                                                                       E: Howrey & Simon
1299 Pennsylvania Avenue N.W.
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                                                                              Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.3%; Score 14.8;
88.9%; Pred. No. 8
                                                                                                                                                                                                                                     LACTOFERIN VARIANTS AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             08/691,123
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 21;
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30-MAY-1997

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RESULT 467
US-09-422-978-8648
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                                                                                                                                                                                                                                  NAME/KEY: primer bind; LOCATION: 1..21; LOCATION: 1..21; LOCATION: 1..21; OTHER INFORMATION: downstream amplification primer 99-13860 for SEQ 253, US-09-422-978-8118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 466
Sequence 8648, Application US/09422978 Patent No. 6537751
                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8118
LENGTH: 21
                                                                                                                                                                     Matches
                                                                                                                                                                                     Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -09-422-978-8118
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                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-463-8100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Albert P. Halluin
REGISTRATION NUMBER: 25,277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 30-MAY-CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                            2696 ACAGATTGAGTTTCTCAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         29 AGCACGGCCGCAGAAGAA 46
                                                                                                                                                                     16;
                                                                                                   ACAGATTGAGGTTGTCAG
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Pred. No. 8.4e
0; Mismatches
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Pred. No. 8.
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APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high dens
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT ETLING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1998-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
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APPLICANT: Chumakov, Tlya
APPLICANT: Chumakov, Tlya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-422-978-9365
                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9365
LENGTH: 21
                                                                                              Best
                                                                                                                   Query Match
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Best Local
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LENGTH: 21
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NAME/KEY: primer_bind
LOCATION: 1..21
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                                                                                                                                                                               OTHER INFORMATION: downstream amplification primer 99-2570 for SEQ
                                                                                                                                                                                                                                                          ORGANISM: Homo Sapiens
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NAME/KEY: primer_bind
LOCATION: 1..21
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ll Similarity 88.9%;
16; Conservative
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Pred. No. 8
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RESULT 471
US-09-747-391-138
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APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
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Sequence 138, Application US/09747391 Patent No. 6670124 GENERAL INFORMATION:
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Best Local
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LENGTH: 21
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Patent No. 6548274
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LENGTH: 21
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Best Local Similarity
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                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Aspergillus oryzae
-09-760-139-14
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Yaver, Debbie S.
APPLICANT: Bellini, Daniel A.
APPLICANT: Bellini, Daniel A.
TITLE OF INVENTION: Methods For Producing A Polypeptide
TITLE OF INVENTION: Using A Crippled Translational Initiator Sequence
FILE REFERENCE: 5966.200-US
CURRENT APPLICATION NUMBER: US/09/760,139
CURRENT FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/482,751
PRIOR FILING DATE: 2000-01-13
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Pred. No. 8.4e+02;
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Pred. No. 8.
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RESULT 473 US-09-657-472-1479/c

Sequence 1479, Application US/09657472 Patent No. 6727063

GENERAL

INFORMATION:

APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey

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                                                                                                                                                        US-09-657-472-882
                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR PELICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR FILING DATE: 2000-08-16
PRIOR PILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: PastSEQ for Windows Version 4.0
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US-09-747-391-138
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Patent No. 67270
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SEQ ID NO 138
LENGTH: 21
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Tocal Similarity
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APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Bolk, Stacey
APPLICANT: McCarthy, Jeanette J.
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT APPLICATION NUMBER: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Chow, Robert
APPLICANT: Tonai, Richard
APPLICANT: StemCyte, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-000210US
CURRENT APPLICATION NUMBER: US/09/747,391
CURRENT FILING DATE: 2001-07-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S
                                                                                                                                                                         LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                            h 0.3%;
Similarity 80.0%;
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                                                                                            Score 14.8; DB 1;
Pred. No. 8.4e+02;
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Pred. No. 8
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RESULT 475
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                                                                          US-08-202-389-48/c
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; ORGANISM: Homo sapiens
US-09-657-472-1479
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
                      Sequence 48, Application US/08202389 Patent No. 5536636 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1479
LENGTH: 21
                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR PELING DATE: 1999-09-10
PRIOR PELING DATE: 2000-07-26
PRIOR PELING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Daley, George v.
APPLICANT: McCCarthy, Jeanette J.
APPLICANT: McCCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
TITLE OF ERFERENCE: 2825.1027-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825.1027-001
                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2000-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2000-08-16
  APPLICANT:
                                                                                                                                                                                  1724 CATCTTCATCGGCACCTGGA 1743
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10. 6727063
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  Freeman Jr., Robert M.
                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                    0.3%;
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; Pred. No. 8.4e
0; Mismatches
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Pred. No. 8.4e+02
                                                                                                                                                                                                                                      Mismatches
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.4e+02;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                            STATE:
                                      COUNTRY: U.S.A.
ZIP: 10036
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RESULT 476
US-08-223-902-10
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TOPOLOGY:
US-08-202-389-48
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Patent No. 5744347
                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.3%;
Best Local Similarity 88.9%;
Matches 16; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/202,389
FILING DATE: 28-FEB-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/983,926
FILING DATE: 01-DEC-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (617) 861-95
INFORMATION FOR SEQ ID NO:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/08/202,389
                                                                                    APPLICANT: Wagner, Thomas E.
APPLICANT: Antczak, Michael R.
TITLE OF INVENTION: YOLK SAC STEM CELLS
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 26-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAWE: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: BIH92-05MA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/829,141
FILING DATE: 31-JAM-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/721,112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Plutzky, Jorge
APPLICANT: Neel, Benjamin G.
APPLICANT: Rosenberg, Robert D.
TITLE OF INVENTION: IDENTIFICATION OF NOVEL TYROSINE
TITLE OF INVENTION: PHOSPHATASES HAVING SH2 DOMAINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 5
                                                                CORRESPONDENCE ADDRESS:
        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                 3239 CATCAACCCCAACTACAT 3256
                                                                                                                                                                                                                                                                                                                       19 CATCAATGCCAACTACAT 2
SSEE: PENNIE & EDMONDS
T: 1155 Avenue of the Americas
New York
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Pred. No. 9.1e+02;
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New York

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RESULT 477
US-08-742-755A-40/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent NO. 3000
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA
TITLE OF INVENTION: Sequencing Method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
                                               TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 722:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9990
TELEPHAX: (212) 869-8864/9741
                                                                                                NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
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STRANDEDNESS:
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                               ENGTH:
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            22 base pairs
sucleic acid
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SYSTEM: PC-DOS/MS-DOS
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RESULT 479
US-09-339-964-2
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                                                                                                                                                                                  US-08-564-496C-33
                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
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                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                         TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                    NAME: Fraser, Ph.D., J.D., Ja
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 0676
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEPAX: 617/542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/
FILING DATE: 29-NOV-1995
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/346
FILING DATE: 29-NOV-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CILL
STATE: F.
COUNTRY: USA
COUNTRY: O2110-2804
COUNTRY: USA
COUNTRY: USA
COUNTRY: USA
COUNTRY: OAADABE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Letarte, Michelle
APPLICANT: Marchuk, Douglas A.
APPLICANT: McAllister, Kimberly
TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR
TITLE OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
                                                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                    Local
                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity nes 16; Conserv
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                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                           LENGTH:
                                                                                        2794 AGAGTCAGGAAGGAAA 2811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1039 CAGAAGAGCATCTTAAGG 1056
                                                            22 AGAGTCAGGAGGGAGACA
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                                                                                                                                    Similarity
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6022687
                                                                                                                                                                                                                                         nucleic acid
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                                                                                                                        Conservative
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                                                                                                                                                                                                                           single
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                                                                                                                    Score 14.8; DB 1,
Pred. No. 9.1e+02,
0; Mismatches
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Pred. No. 9.1e+02;
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                                                                                                                                                    DB 1;
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                                                                                                                                                  Length 22;
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                                                                                                                    Gaps
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Sequence 2, Application US/09339964 Patent No. 6025198 GENERAL INFORMATION:

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                                                                                                  ; TOPOLOGY: 1:
; MOLECULE TYPE:
US-09-226-683-40
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; OTHER INFORMATION: PCR Primer
US-09-339-964-2
                                   Matches
                                                                                                                                                                                                                     NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)242-4214
INFORMATION FOR SEQ ID NO: 40:
                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match Best Local Similarity Matches 16; Conserv
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LENGTH: 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION FILE REFERENCE: RTS-0065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA
TITLE OF INVENTION: Sequencing Method
                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 4:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Boston
STATE: Massac
                                                                                                                                                  STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
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1039 CAGAAGAGCATCTTAAGG 1056
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: LAHIVE & COCKFIELD, LLP
28 State Street
                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.3%;
ilarity 88.9%;
Conservative
                                                                                                                                  linear
                                                 0.3%;
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                                 <u>,</u>
                               Score 14.8; DB 1;
Pred. No. 9.1e+02;
0; Mismatches 2
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Pred. No. 9.1e+02;
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                                 Indels
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                                 Gaps
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RESULT 482
US-09-177-650-83/c
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US-09-035-183-40/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/742,755

PILING DATE: 01-NOV-1996

ATTORNEY/AGENT INFORMATION:

NAME: Hanley, Elizabeth A.

REGISTRATION NUMBER: 33,505

REFERENCE/DOCKET NUMBER: UIZ-022CP

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 40, Application US/09035183
FILE REFERENCE: 2323-134
CURRENT APPLICATION NUMBER: US/09/177,650
CURRENT FILING DATE: 1998-10-23
EARLIER APPLICATION NUMBER: 60/063,147
EARLIER FILING DATE: 1997-10-24
                                                                                            APPLICANT: Leppert, Mark F.
APPLICANT: Singh, Nanda
APPLICANT: Singh, Nanda
APPLICANT: Charlier, Carole
TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL TITLE OF INVENTION: AND OTHER EPILEPSIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (617)742-421
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/035,183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA Sequencing Method NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (617) 742-4214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 28 St
CITY: Boston
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                                                                                                                                                                                                                                                                                                                                                                                          1039 CAGAAGAGCATCTTAAGG 1056
                                                                                                                                                                                                                                                                                                                                                                                                                                16;
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Pred. No. 9.1e+02;
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; ORGANISM: Homo sapiens
US-09-177-650-83
                                                                                                                                                                                                                                                                                                                                                US-09-506-859-33/c
                                                                                                                                                                                                                                                                                                                                                                 RESULT 484
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                            Sequence 33, Application US/09506859 Patent No. 6562957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 71, Application US/09531000 Patent No. 6461810
                                                                                                                                                                                                    PARENT NO. JOURNATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL MICHELLE
APPLICANT:
MATCHUK, Douglas A.
APPLICANT:
MATCHUK, MICHELLE
DIAGNOSIS OF AND THERAPY FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE:
SEQ ID NO 71
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SEQ ID NO 83
LENGTH: 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: JOHNSON, MARION D.
APPLICANT: FRESCO, JACQUES R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                       ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH: 22
                                                                                                                                                                     NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity 88.9
COMPUTER: IBM PC OPERATING SYSTEM:
                                                                    COUNTRY: U.S.A. ZIP: 02110-2804
                                                                                                        STATE:
                                                                                                                                     STREET:
                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4083 CCTCAGTGAGCTGCCACT 4100
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                                                                                                   Massachusetts
                                                                                                                                     225 Franklin Street
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ilarity 88.9%;
Conservative
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PC-DOS/MS-DOS
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Pred. No. 9.1e
0; Mismatches
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Pred. No. 9.1e+02;
0; Mismatches 2
                                                                                                                                       Suite 3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      9.1e+02;
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RESULT 486 US-09-788-038-40/c

Sequence 40, Application US/09788038
Patent No. 6599703
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA

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GENERAL INFORMATION:
APPLICANT: PESCHLE, Cesare
APPLICANT: ZIEGLER, Benedikt L
APPLICANT: ZIEGLER, Benedikt L
TITLE OF INVENTION: Compositions and Methods f
TITLE OF INVENTION: Populations in Mammals
FILE REFERENCE: 9855-26U1
CURRENT APPLICATION NUMBER: US/09/322,352A
CURRENT FILING DATE: 1999-05-28
PRIOR APPLICATION NUMBER: US 60/087,153
PRIOR APPLICATION NUMBER: US 60/087,153
PRIOR TILING DATE: 1998-05-28
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.1
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US-09-322-352A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-506-859-33
                                                                                                                                                                                            SEQ ID NO 1
LENGTH: 22
TYPE: DNA
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/09322352A Patent No. 6586192
                                                                     Matches
                                                                                      Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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FILING DATE: 28-SEP-1999
PRIOR APPLICATION DATA:
APPLICATION DATA: 08/346,129
PILING DATE: 29-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Janis K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.30B, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER:
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                          5136 CCTTATGTTGCTTTTTCA 5153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2794 AGAGTCAGGAAGGAAA 2811
                                                                0.3%;
1 Similarity 88.9%;
16; Conservation
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5 CCTTTTGTTGCTTTTGA 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          22 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.3%; Score 14.8; DB 1;
88.9%; Pred. No. 9.1e+02;
ative 0; Mismatches
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                                                                                      Score 14.8;
Pred. No. 9
                                                                                                                                                                                                                                                                                                                                                                                                                       and Methods for Use in Affecting Hematopoietic Stem
                                                                       Mismatches
                                                                                        .1e+02
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                                                                                                         Length 22;
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                                                                     Indels
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                                                                     Gaps
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PCT-US95-15428-33/c
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Best Local Similarity 88.9%;
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SEQUENCE CHARACTERISTICS:
                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Letarte, Michelle
APPLICANT: Marchuk, Douglas A.
APPLICANT: McAllister, Kimberly
TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR
TITLE OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA
                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street Suite 3100
APPLICATION NUMBER: PCT/US95/15428 FILING DATE: 29-NOV-1995
                                                                                                                                                                                                              STATE: Massachi
COUNTRY: U.S.A
                                                                                                                                                                                                                                                         CITY: Boston
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UIZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/788,038
FILING DATE: 16-Feb-2001
CLASSIFICATION: -Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1039 CAGAAGAGCATCTTAAGG 1056
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FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS: COCKFIELD, LLP
ADDRESSEE: LAHIVE & COCKFIELD, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE DESCRIPTION: SEQ ID NO: -40:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                  Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Boston
STATE: Massachusetts
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Pred. No. 9.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 22;
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; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 10
OTHER INFORMATION: /note= "r =
US-08-979-672-1
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INFORMATION FOR SEQ ID NO:
                                                                                                                                            TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/979,672
FILING DATE: Concurrently Herewith
CLASSIFICATION: 250
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Vo-Dinh, Tuan
APPLICANT: Wintenberg, Alan
APPLICANT: Ericson, Milton N.
TITLE OF INVENTION: INTEGRATED CIRCUIT BIOCHIP MICROSYSTEM
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CORRESPONDENCE ADDRESS:
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TELECOMMUNICATION INFORMATION:
TELLEPHONE: 617/542-5070
TELLEPAX: 617/542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
CITY: F
                                                                                      STRANDEDNESS: 811
                                                                                                                                                                                                                                                          NAME: Kitchell, Barbara REGISTRATION NUMBER: 33, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 29-NOV
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                                                                                                                                 TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
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                                                                                                                           nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Texas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Arnold, White & Durkee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Floppy disk
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                                                                                                          single
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                                                                                                                                                                                                                                                                                                                                                                                                             Version #1.30
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                                                                                                                                               RESULT 490
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                               Sequence 315, Application US/08050073
PATENT NO. 5567809
GENERAL INFORMATION:
APPLICANT: Apple, Raymond J.
APPLICANT: Begovich, Ann B.
                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/988,194A
FILING DATE: December 9, 1992
CLASSIFICATION: 536
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                             -07-988-194A-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Rowland, Bertram I.
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-55107-1 CELL-0051
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton &
                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Chimeric Chains for Receptor
TITLE OF INVENTION: Associated Signal Transduction Pathways
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Capon, Daniel J. APPLICANT: Weiss, Arthur
                                                                                                                                                                                                                                                                    / Match 0.3%;
Local Similarity 81.0%;
les 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 94111-4187
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CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
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Apple, Raymond J.
Begovich, Ann B.
Bugawan, Teodorica I
Erlich, Henry A.
                                                                                                                                                                                                                                                                                                                                                                                                                                   21 base pairs
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Roberts, Margo R.
Zsebo, Krisztina
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                                                                                                                                                                                                                                                                                     Score 14.6; DB 1;
Pred. No. 9.2e+02;
                                                                                                                                                                                                                                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
                                                                                                                                                                                                                                                                                                          DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local 9
                                            COUNTRY USA
ZIP: 20889-5606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION: APPLICANT: HOKE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (510) 814-297
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                         APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8769
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Griffith, Robert APPLICANT: Scharf, Stephen TITLE OF INVENTION: Methods TITLE OF INVENTION: Typing
                                   SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                               STREET: 8901 W:
CITY: Bethesda
STATE: Maryland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: New Jersey COUNTRY: U.S.A. ZIP: 07110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single TOPOLOGY: linear
                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET:
                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1704 CCGGAGCCCGACATGATCACC 1724
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                                                                                                                                                            Maryland
Y: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (510) 814-2977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Griffith, Robert L. Scharf, Stephen J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                        BRADLEY, Matthews O
                                                                                                                                                                                                                                                                                                                                                                             HOKE, Glenn D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   genomic DNA
                US/08/136,118
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APPLICANT: WILLIAMS, Taffy J
APPLICANT: LEE, Che-Hung
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES DIRECTED
TITLE OF INVENTION: AGAINST HUMAN ICAM-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                h 0.3%; Score 14.6; DB 1;
Similarity 81.0%; Pred. No. 9.2e+02;
                                                                                                                                                                                                           E: Naval Medical Res. & Dev. Cmd
8901 Wisconsin Ave.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Methods and Reagents for HLA DRBeta DNA
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#1.25
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CLASSIFICATION:

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Best Local S
Matches 17
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 295-6759
TELEPAX: (202) 295-6759
TELEPAX: (202) 295-1022
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTEPTOTICE
SEQUENCE CHARACTEPTOTICE
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GENERAL INFORMATION:
APPLICANT: Cohen,
TOPOLOGY: 11
MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                TELEFAX: 617/330-1311
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bourque, Andre
APPLICANT: Vilenchik, Maria
TITLE OF INVENTION: Method for Analyzing
TITLE OF INVENTION: Oligonucleotide Analogs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 24-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Spevack, A. David
REGISTRATION NUMBER: 24,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 24-JUL-
                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 617/330-1300
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: HY
                                                   STRANDEDNESS: single
                                                                                                                                                                                                                           NAME: Kerner, Ann-Louise REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 200 (
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                                                                        nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Massachusetts
                                                                                         21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3: Lappin & Kusmer
200 State Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.3%; Score 14.6; DB 1; Length 21; 81.0%; Pred. No. 9.2e+02; ative 0; Mismatches 4; Indels
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RESULT 494
US-08-451-777A-22
i Sequence 22, Application US/08451777A
; Patent No. 5789223
; GENERAL INFORMATION:
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                                                                                                                                                                                                     Query Match 0.3%;
Best Local Similarity 81.0%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/258,152
FILING DATE: 10-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993
ATTORNEY/AGENT INFORMATION:
ANALYSISTEM LEAGUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 415-349-7392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
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TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
TITLE OF INVENTION: VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
TITLE OF INVENTION: OF MAMMALIAN CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: FINER, MITCHELL H. APPLICANT: ROBERTS, MARGO R.
                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 415-358-9600 X131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
                                                                                                                                                                  264 CCCCCCCTCTCTCTCTTTCTC 284
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                                                                                                                                                                                                                                                                                                                                         nucleic acid
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                                                                                                                                                                                                                                                                                          DNA (genomic)
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81.0%; Pred. No. 9.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   34,647
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                                                                                                                                                                                                                       Score 14.6; DB 1;
Pred. No. 9.2e+02;
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                                                                                                                                                                                                       Mismatches
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.2e+02;
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                                                                                                                                                                                                                                     Length 21;
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RESULT 495
US-08-451-778A-22
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                  Sequence 22, Application US/08451778A Patent No. 5830649
                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Bergsma, Der
APPLICANT: Stambolian,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 610-270-5090
NFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                   TITLE OF INVENTION: Human Galactokinase Gene NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US94/10825
FILING DATE: 23-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 436 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA: APPLICATION UNMBER: US/08/451,777 FILING DATE: 26-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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CORRESPONDENCE ADDRESS:
                                                                                                                              COUNTRY: USA
ZIP: 19406-0939
                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                  ADDRESSEE: SmithKline Beecham Corp./Corporate ADDRESSEE: Intellectual Property
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 37,126
REFERENCE/DOCKET NUMBER: P50268-1B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 709 Swedeland CITY: King of Prussia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Eagle, Alissa M.
REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 391 AGCAGCCGAGGCCACCAAGAG 411
                                                                                                                                                                              SSEE: Intellectual Property
T: 709 Swedeland Road/UW2220
King of Prussia
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                                                                                                                                                             Pennsylvania
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E: Intellectual Property
709 Swedeland Road/UW2220
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bergsma, Derk J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.3%;
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US/08/451,778A
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                                                                                                                                                                                                                                                                                                                Dwight
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
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Pred. No. 9.2e+02
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INFORMATION FOR SEQ ID NO:
TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                          NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKST NUMBER: CELI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
                                                                                                                            APPLICATION NUMBER: US/08/076,299A
FILING DATE: 11-JUN-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 3
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CITY: FOSTER CITY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Eagle, Alissa M.
REGISTRATION NUMBER: 37,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                    COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US94/10825 FILING DATE: 23-SEP-1994
                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
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17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                  322 LAKESIDE DRIVE
               415-349-7392
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      KRISZTINA M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.3%;
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                                                              CELL 13.0
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Pred. No. 9
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RESULT 498
US-08-748-640-6
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US-08-770-379-6
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Best Local S
Matches 17
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION UNDER: 28,678
REFERENCE/DOCKET NUMBER: 5234
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                  TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
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APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PS C COMPUTER: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/770,379
APPLICATION NUMBER: US/08/770,379
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                             ANTI-SENSE: N
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: New York
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
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                                                                                                                                              Similarity
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1185 Avenue of the Americas
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Edelman, Isidore S.
Moore, Patrick S.
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                                                                                                                                            Score 14.6; DB 1
Pred. No. 9.2e+02
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Pred. No. 9.2e+02;
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RESULT 499
US-08-438-582-26
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Patent No. 5858740
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                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: FINER,
APPLICANT: ROBERTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 5173
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
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HYPOTHETICAL: 1
ANTI-SENSE: N
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                   APPLICANT:
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                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC
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                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                   APPLICANT:
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Local Similarity 81.0%;
leB 17; Conservation
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TYPE: nucleic acid
STRANDEDNESS: single
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STATE: New York
COUNTRY: U.S.A.
STREET: 322 LAKESIDE DRIVE CITY: FOSTER CITY STATE: CALIFORNIA
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STREET: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
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                                                                                                                                                                   FINER, MITCHELL H.
ROBERTS, MARGO R.
DULL, THOMAS J.
ZSEBO, KRISZTINA M.
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1185 Avenue of the Americas
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                                                                                                                                                                   KRISZTINA M
                                                                                               METHOD FOR PRODUCTION OF HIGH TITER
VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
OF MAMMALIAN CELLS
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Pred. No. 9.2e+02;
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Best Local Similarity
Matches 17; Conserv
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Sequence 22, Appr-
Sequence 22, Appr-
Sequence 22, Appr-
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APPLICANT: Bergsma, Derk J.
APPLICANT: Stambolian, Dwight
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 08/
FILING DATE: 10-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION UDMBER: US 08/
FILING DATE: 11-JUN-93
ATTORNEY/AGENT INFORMATION:
NAME Y AGENT YEARS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: KRUPEN, KAREN I., 647
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
US 08/258,152
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/451,777
FILING DATE: 26-MAY-1995
APPLICATION NUMBER: PCT/US94/10825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Human Galactokinase Gene
                                                                                                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                        ADDRESSEE: SmithKline Beecham Corp./Corporate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: 10-MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                         FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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King of Prussia
Pennsylva-
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                                                                                                            US/08/998,208
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 14.6; DB 1;
Pred. No. 9.2e+02;
                                                                                                                                              Version #1.30
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                                                                                                                                                                                                                                                                RESULT 502
                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: PCR Primer US-09-213-767-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-213-767-3/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/09213767
Patent No. 5948680
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 3
LENGTH: 21
                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                Sequence 18,
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Matches 1
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CURRENT FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION FILE REFERENCE: RTS-0024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Brenda F. Baker APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                 APPLICANT:
                                APPLICANT: LO, Hui-Wen
APPLICANT: Keller, Charles
APPLICANT: Akande, Olanike
TITLE OF INVENTION: GLUTATHIONE S-TRANSFERASE (GST) GENES
TITLE OF INVENTION: CANCER
NUMBER OF SEQUENCES: 42
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5364
                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                APPLICANT:
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REGISTRATION NUMBER:
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ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                              380 AAGCTGGTGGCAGCAGCCGAG 400
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                                                                                                                                 Antoun, Gamil
                                                                                                                                                Lopez-Berestein,
Buolamwini, John
                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                Ali-Osman, Francis
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 Arnold, White & Durkee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DNA (genomic)
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81.0%; Pred. No. 9.2e+02,
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81.0%; Pred. No. 9.2e+02;
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                                                                                                                                                      COMPUTER READABLE FORM:

MEDIIM TYPE: Diskette, 3.50 inch, 1.44 M
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION NDATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 5981185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 33,
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Best Local 9
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ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UTXC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626). 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 33
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 512/418-3000
TELEPAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DDS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: S
                                                                                                                                               ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
                                                                                          NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20.
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                 STREET: 225 Sou
CITY: Pasadena
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                ZIP: 91101
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                                                                                                                                                                                                                                                                                                                                                                                                       225 South Lake Avenue, 9th Floor
                                                                                                                                                                                                                                                                                                                                                 USA
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                                                                                                         20,532
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Pred. No. 9.
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US-08-863-639A-61/c
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Best Local Similarity
Matches 17; Conserv
                                                                 Matches
                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 5981185
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Rampal, Jang B.
APPLICANT: Coaskey, C. T.
TITTE COESTANT COASTANT
                                                                                                                                                                                                                                                 TELEFAX: (626) 795-63
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,5
REFERENCE/DOCKET NUMBER:
                                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 91101
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Pasadena
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2800 AGGAAGGAGAAAATGAAGAAG 2820
                                2800 AGGAAGGAGAAATGAAGAAG 2820
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 AAGAAGAAGAAGAAGAAG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   225 South Lake Avenue, 9th Floor
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                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sheldon & Mak
                                                                                                                                                 Other nucleic acid
                                                                                                                                                                                                                                                                 795-6321
                                                                              0.3%; Score 14.6; DB 1;
81.0%; Pred. No. 9.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.3%;
81.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                               20,532
                                                                                                                                                                                                                                                   61:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3.50 inch, 1.44 Mb storage
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Pred. No. 9.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   21
                                                                 Mismatches
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                                                                                              Length 21;
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                                                                 Indels
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                                                               Gaps
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RESULT 505
US-08-863-639A-62
; Sequence 62, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:

APPLICANT:

Matson, Robert S.

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                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 506
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                                                                                                                                                                                                                                                                                                                                                                                            08-863-639A-91/c
                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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NPORMATION FOR SEQ ID NO: (
SEQUENCE CHARACTERISTICS:
COMPUTER: IBM COMPUTER: Windows 95
OPERATING SYSTEM: Windows 95
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
APPLICATION MAY 28, 1997
                                                                                                                                                                                                                                                                                                                                                               tent No.
                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                   TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS NUMBER OF SEQUENCES: 95
                                                                                                                                                                                                                                                                                                               APPLICANT: Matson, Robert S. APPLICANT: Coassin, Peter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 11 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/01
FILING DATE: May 28, 199:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                       STREET: 225
                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                 APPLICANT: Rampal, Jang B. APPLICANT: Caskey, C. T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Joseph E. Mueth
REGISTRATION NUMBER: 2
                                                                                                                                             COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
                                                                                                                                                                                                                      ADDRESSEE:
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17; Conserv
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                                                                                                                                                                                                      E: Sheldon & Mak
225 South Lake Avenue, 9th Floor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Coassin,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (626) 796-4000
                                                                                                            Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    May 28, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Diskette,
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                                                                                                           3.50 inch, 1.44 Mb storage
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Pred. No. 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                              TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO:
                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: BETTIDGE, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WP
                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                             SEQUENCE CHARACTERISTICS
                                                                                                                              TELECOMMUNICATION INFORMATION: TBLEPHONE: 703-836-6400
                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
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MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Oliff & Berridge STREET: 700 South Washington Street, Suite 300 CITY: Alexandria
                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                TELEPHONE: /U. 703-836-278/
                                                                                                                                                                                                                                 FILING DATE:
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                            STRANDEDNESS:
                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Virginia
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                                                             21 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bernard MANDRAND
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Frederic BEDIN
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                                                                                                                                                                                                                                                                                                                                  Floppy disk
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                             single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLAC
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81.0%; Pred. No. 9.20
tive 0; Mismatches
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Best Local S
Matches 17
                                                                                                                                                                                                                                                                                                                                                              Sequence 5, Application US/09069811
Patent No. 6668974
GENERAL INFORMATION:
APPLICANT: Klann, Richard C.
TITLE OF INVENTION: A SPECIFIC, HIGHLY SENSITIVE, NESTED PCR
TITLE OF INVENTION: DETECTION SCHEME FOR THE PSEUDORABIES VIF
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 1
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CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
ATTORNEY SPINITI, W. MUXTRY
REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: 5626-16
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919 420 2202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/141,047A
CURRENT FILING DATE: 1998-08-27
NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Walker, David H.
APPLICANT: Yu, Xue-Jie
TITLE OF INVENTION: Ehrlichia canis 120-kDa Immunodominant Antigenic
TITLE OF INVENTION: Protein Gene
FILE REFERENCE: D6143
                                                                                                                 NAME/KEY: primer_bind
LOCATION: -341..-321
OTHER INFORMATION: Forward primer pxcf2-2 used to amplify the E. canis
OTHER INFORMATION: gene encoding the 120 kDa immunoreactive protein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: artificial sequence
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                                                                                                                                                                                                                                                                  COUNTRY: US
ZIP: 27622
                                                                                                                                                                                                                                                                                                CITY: Raleigh
STATE: NC
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                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 14.6; DB 1; Length 21; Pred. No. 9.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
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US-08-894-511-19/c
                                                US-08-894-511-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 19, Application US/08894511 Patent No. 6143530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                      CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 95/
FILING DATE: 23-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO FR9
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                MOLECULE TYPE:
                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                         NAME: Savitzky Esq., Martin F.
REGISTRATION NUMBER: 29,699
REFERENCE/DOCKET NUMBER: ST950
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-3816
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: other n
                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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ZIP: 194
                                                                                               STRANDEDNESS:
TOPOLOGY: 1i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
                                                               DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Synthetic oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TCACGAACCGCTTCACAGACC 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: Rhone-Poulenc Rorer Inc.
500 Arcola Road, Mailstop 3C43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SCHERMAN, Daniel CAMERON, Beatrice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
                                                                                                                                                                                            (610) 454-3808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DARQUET, Anne-Marie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CROUZET, Joel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                 linear
                                                              other nucleic acid
/desc = "Oligonucleotide"
                                                                                                             double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pierre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.3%;
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USE THEREOF IN
0.3%;
                                                                                                                                                                                                                                                                                                                           WO FR96/00274
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Pred. No. 9.2e+02
Score 14.6; DB 1;
Pred. No. 9.2e+02;
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               Length 21;
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Best Local Similarity

Query Match

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                                                                                                                RESULT 512
US-08-927-219-19/c
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                                                                                   Sequence 19, Application US/08927219 Patent No. 6187533
                                                                                                                                                                                                                                    Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                      GENERAL INFORMATION:
APPLICANT: Bell, (
APPLICANT: Yamaga
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APPLICANT: Chang, Yuan
                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/757,669A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: RUSSO, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: MOOTE, Patrick S.
TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS
TITLE OF INVENTION: SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 20
                                                                                                                                                                                                                                                                                                              ANTI-SENSE:
               APPLICANT:
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 APPLICANT:
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                  nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                 21 base pairs
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                     Yamagata, Kazuya
Oda, Naohisha
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Russo, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
Kaisaki, Pamela J
Furuta, Hiroto
                                                       Bell, Graeme I.
                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                        linear
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                                                                                                                                                                                                                                                  Score 14.6; DB 1;
Pred. No. 9.2e+02;
                                                                                                                                                                                                                                    Mismatches
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                                                                                                                                                                                                                                                                DB 1;
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US-09-266-596-26
                                                                                                                                                                                                                          Patent No. 6218187
GENERAL INFORMATION:
APPLICANT: FINER,
                                                                                                                                                                                                                                                                                    Sequence 26,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PILING DATE: 10-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wilson, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 30-OCT-1996
PRIOR APPLICATION UDATA:
APPLICATION NUMBER: US 60/
FILING DATE: 02-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Menzel, SI
TITLE OF INVENTION: N
TITLE OF INVENTION: I
TITLE OF INVENTION: I
NUMBER OF SEQUENCES:
                                             APPLICANT: FARSON, DEBORAH A.

TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
TITLE OF INVENTION: VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
TITLE OF INVENTION: OF MAMMALIAN CELLS
NUMBER OF SEQUENCES: 48
CORRESPONDENCES: ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING LATE (CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,679
APPLICATION NUMBER: 30-0CT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: Concu
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                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                     2221 GTCCCTTTAACATCACTCACC 2241
                                                                                                                                                                                                                                                                                                                                                                                      21 GTCCCATTGACAGCAGTCACC 1
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SEE: CELL GENESYS, INC
: 322 LAKESIDE DRIVE
FOSTER CITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Texas
                                                                                                                                                                                                                                                                                    Application US/09266596
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MENZEI, STEDDEN
MENZEI, STEDDEN
MENZEI, STEDDEN
VENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
VENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
VENTION: AND HNF-4ALPHA
EQUENCES: 147
                                                                                                                                                                                                          FINER, MITCHELL H. DULL, THOMAS J.
                                                                                                                                                                                         ZSEBO,
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                       KRISZTINA M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 14.6; DB 1;
Pred. No. 9.2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1; Length 21;
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US-08-943-731-617
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 617, Application US/08943731 Patent No. 6265157
                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                              fitle of invented 666
NUMBER OF SEQUENCES: 666
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
PANITCH SCHWARZE JACOBS & NADEL, P.C.
PANERSSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
PANERSSEE: PANITCH SCHWARZE JACOBS & NARKET STREET,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/517,488
FILING DATE: 21-AUG-1995
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-JUN-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
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REFERENCE/DOCKET NUMBER: CEI
TELECOMMUNICATION INFORMATION:
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CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
08/517,488
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MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: FROM COMPACTION
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/266,596
                                                                                                                                                                                                           APPLICANT: KORKKO, JARMO
APPLICANT: ALA-KOKKO, LEENA, et al.
MITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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ATTORNEY/AGENT INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
                                       COUNTRY: USA
ZIP: 19103-7086
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TOPOLOGY: li
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                                                                                              PHILADELPHIA
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EARLY, JAMES
                                                                                                                                                                                                                                                                                                                                                                   SEREDA, LARISA
                                                                                                                                                                                                                                                                                                                                                                                                      SPOTILA,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
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LORETTA D.
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Pred. No. 9.
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US-08-943-731-619
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                         STATE: PA
COUNTRY: USA
ZIP: 19103-7086
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
COUNTRING TANGERS TO COUNTRING TO COU
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ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATH
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9598
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: COLIGE, ALAIN
APPLICANT: EXRLY, JAMES
APPLICANT: KORKKO, JAMES
APPLICANT: KORKKO, JARNO
APPLICANT: KORKKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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APPLICATION NUMBER:
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PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 0: FILING DATE: 14-MAR-1994
                                                                                                                                                                                                                                                                                                                                                      CITY: PHILADELPHIA
                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
STREET: ON
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TELEFAX: 215-567-2991
       APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                            3: PANITCH SCHWARZE JACOBS & NADEL, P.C. ONE COMMERCE SQUARE, 2005 MARKET STREET,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/08943731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PROCKOP, DARWIN J.
SPOTILA, LORETTA D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PACK, MICHAEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEREDA, LARISA
LARSON, ANDREA W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DELTAS, CONSTANTINOS D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           03-OCT-1997
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US/08/943,731
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                                                                        Version
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CLASSIFICATION:

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RESULT 516
US-09-543-106-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5, Application US/09543106 Patent No. 6270977 GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 831-494
INFORMATION FOR SEQ ID NO:
                  TELEPHONE: 919 420 2202
TELEPAX: 919 881 3175
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 95
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
                                                                                          APPLICATION NUMBER: 09/069,811
FILING DATE: «Unknown»
ATTORNEY,AGENT INFORMATION:
NAME: Spruill, W. Murray
REGISTRATION NUMBER: 32,943
REFERENCE,DOCKET NUMBER: 5626-16
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 0 FILING DATE: 03-DEC-1991
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TOPOLOGY: 111
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                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                               CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Klann, Richard C.
TITLE OF INVENTION: A SPECIFIC, HIGHLY SENSITIVE, NESTED PCR
DETECTION SCHEME FOR THE PSEUDORABIES VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3868 GGCCCATCAAGCCTTCCAGAT 3888
                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: NC
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GGCCCATCAAGGCAACCAAAT 21
                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/543,106 FILING DATE: 05-Apr-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: W. Murray Spruill (Alston & Bird, LLP) STREET: 3605 Glenwood Ave. Suite 310
                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 27622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Raleigh
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 215-567-2991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.3%;
ilarity 81.0%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 14.6; DB 1;
Pred. No. 9.2e+02;
0; Mismatches 4
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                                                                                                                                                                                                                                                                                                                               Version #1.30
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EARLIER FILING DATE: 1998-05-22
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 21
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 24, Applicati Patent No. 6319494 GENERAL INFORMATION:
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Best Local (
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Patent No. 6280942
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: The Institute of Physical and Chemical Research TITLE OF INVENTION: Endonuclease FILE REFERENCE: PH-651
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local
               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IEM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
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MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Synthetic oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4414 ATAATAATAATAATAATA 4434
||||| ||| ||| ||||||||
                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS,
                                                                                                                                                                                                                                                                          TITLE OF INVENTION: CHIMERIC CHAINS FOR RECEPTOR ASSOCIATED SIGNAL TRANSDUCTION PATHWAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2233 TCACTCACCGCTTCACGCACC 2253
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Il Similarity 81.0%; Pred. No. 9.26
17; Conservative 0; Mismatches
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                                                                                                                                                                                STREET: 322 Lakeside Drive CITY: Foster City
                                                                                                                                                                   STATE: California
APPLICATION NUMBER: US/08/479,737
                                                                                                                                            COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/08479737
                                                                                                                              P: 94404
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Weiss, Arthur
                                                                                                                                                                                                                                                                                                             Irving, Brian A
Roberts, Margo R
Zsebo, Krisztina
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11.0%; Pred. No. 9.2e+02
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RESULT 520
US-09-580-923-36
; Sequence 36, Application US/09580923
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SEQ ID NO 26
LENGTH: 21
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Best Local Similarity 81.0%;
Matches 17; Conservative
                                                                                                                                                                     Matches
                                                                                                                                                                                Query Match
Best Local Similarity
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cameron, Beatrice
APPLICANT: Blanche, Francis
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH
TITLE OF INVENTION: IMMOBILIZED OLIGONUCLEOTIDE
FILE REFERENCE: 03804.0138-01
CURRENT APPLICATION NUMBER: US/09/580,923
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 08/60,038
PRIOR APPLICATION NUMBER: 09/660,038
PRIOR APPLICATION NUMBER: PCT/FR95/01468
                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 19
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 24: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                               FEATURE:
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NAME: Mandel, Saralynii
REGISTRATION NUMBER: 31,853
REFERENCE/DOCKET NUMBER: Cell 5.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-9600
TELEFAX: (415) 358-9600
TELEFAX: (415) 358-0803
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/238,405
FILING DATE: 05-MAY-1994
                                                                                                                  2800 AGGAAGGAGAAATGAAGAAG 2820
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SEQUENCE DESCRIPTION: SEQ ID NO:
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TYPE: nucleic acid
STRANDEDNESS: single
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CLASSIFICATION: <Unknown
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Wils, Pierre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Crouzet, Joel
                                                                                                                                                                     Conservative
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Pred. No. 9.2e+02;
0; Mismatches '
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Pred. No. 9.2e+02;
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SOFTWARE: PatentIn Ver
SEQ ID NO 36
LENGTH: 21
LENGTH: 21
TYPE: DNA
                                                                                                                                                   ; ORGANISM: synthetic construct US-09-230-371A-6
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                                                                                                                                                                                    SOFTWARE: P. SEQ ID NO 6
LENGTH: 21
TYPE: DNA
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Best Local Similarity
Matches 17; Conserv
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APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy J
APPLICANT: Russo, James J
                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/09230371A
Patent No. 6348586
                                                                            Matches
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                                                                                                                                                                                                                                                            APPLICANT: Edelman, Isidore S
APPLICANT: Moore, Patrick S
TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS SEQUENCES AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 45185-G-PCT-US
CURRENT PPLICATION NUMBER: US/09/230,371A
CURRENT FILING DATE: 1999-11-17
PRIOR APPLICATION NUMBER: PCT/US97/13346
PRIOR FILING DATE: 1997-07-22
NUMBER OF SEQ ID NOS: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Blanche, Francis
TITLE OF INVENTION: PUBLIFICATION OF A TRIPLE HELIX FORMATION WITH AN
TITLE OF INVENTION: IMMOBILIZED OLIGONUCLECTIDE
FILE REFERENCE: 03804.0138-01
CURRENT APPLICATION NUMBER: US/09/580,923
CURRENT FILING DATE: 2000-05-26
CURRENT FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 08/6
PRIOR PILING DATE: 1997-06-09
PRIOR APPLICATION NUMBER: PCT/
PRIOR FILING DATE: 1995-11-08
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OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
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                           726 TCCATGAGGTTCTTCACCAAG 746
                                                                          17;
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TGCATCAGCTTCTTCACCCAG
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Scherman, Daniel
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                                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.3%; Score 14.6; DB 1
81.0%; Pred. No. 9.2e+02
                                                                                            0.3%;
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Pred. No. 9.2e+02;
21
                                                                            Mismatches
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                                                                                                             DB 1;
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RESULT 522 US-09-105-058C-16/c ; Sequence 16, Application US/09105058C

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US-08-475-442A-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Reverse primer; OTHER INFORMATION: from EST sequence similar to the KvLQT gene US-09-105-058C-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: P
SEQ ID NO 16
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 1998-06-26
PRIOR FILING DATE: 1997-08-12
NUMBER OF SEQ ID NOS: 28
SOFTWARE: DATE: 297-08-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6403360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: CAPON,
APPLICANT: WEISS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/105,058C CURRENT FILING DATE: 1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tent No. 640722
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: IRVING, BRIAN A
APPLICANT: ROBERTS, MARGO R
APPLICANT: ZSEBO, KRISZTINA
TITLE OF INVENTION: CHIMERIC CHAINS FOR
TITLE OF INVENTION: RECEPTOR-ASSOCIATED SIGNAL TRANSDUCTION PATHWAYS
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSE: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/238,405
FILING DATE: 05-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,194
FILTER APPLICATION NUMBER: US 07/988,194
                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 06-JUN-19
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                    FILING DATE:
                                                                                                                                       CLASSIFICATION:
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Gribkoff, Valentin K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Blanar, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Yang, Wen-Pin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Neubauer, Michael G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Little, Wayne A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Levesque, Paul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CAPON, DANIEL J
WEISS, ARTHUR
                                                                                                                                                                                                                                                                                                                                        USA
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                                                                                                                                                       06-JUN-1995
                      09-DEC-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.3%;
                                                                                                                                                                        US/08/475,442A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 14.6; DB 1;
Pred. No. 9.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
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US-09-655-728-19/c
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Best Local Similarity 81.0%;
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (415)349-7392
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL
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FILING DATE: 12-DEC-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: CE
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH:
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                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/894,511
FILING DATE: <Unknown>
APPLICATION NUMBER: WO FR96/00274
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCE ADDRESS:
CORRESPONDENCE ADDRESSE: Rhone-Poulenc Rorer Inc.
ADDRESSEE: Rhone-Poulenc Rorer Inc.
ADDRESSEE: Ann Arcola Road, Mailstop 3C43
                                                                   NAME: Savitzky Esq., Martin F.
REGISTRATION NUMBER: 29,699
REFERENCE/DOCKET NUMBER: ST95013-US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                            ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          264 CCCCCCCTCTCTCTTTCTC 284
                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/655,728
FILING DATE: 05-Sep-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CCACCCTCACTCTGCTTCTC 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: PA
                                                    TELEPHONE: (610) 454-3816
                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/09655728
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CAMERON,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SCHERMAN,
                                   (610)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pierre
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                                   454-3808
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Pred. No. 9.2e+02;
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Query Match
Best Local S
Matches 17
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Matches
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GENERAL INFORMATION:
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                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 26:
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                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/914,893
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-JUN-1994
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
                                                                                         TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) SEQUENCE DESCRIPTION: SEQ ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PETENTIN Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FARSON, DEBORAH A.

TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER

VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION

OF MAMMALIAN CELLS
                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: FINER, MITCHELL H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2800 AGGAAGGAGAAAATGAAGAAG 2820
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 l Similarity
17; Conserv
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17; Conserv
                                                                                                                           STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                           LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                             NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/944,411
FILING DATE: 04-Sep-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: CELL 13.3
                                                                                                                                                                                                                                       TELEFAX: 415-349-7392
                                                                                                                                                                                                                                                        TELEPHONE: 415-358-9600 X131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
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 0.3%;
ilarity 81.0%;
Conservative
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ilarity 81.0%;
Conservative
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Score 14.6; DB 1; Length 21; Pred. No. 9.2e+02; O; Mismatches 4; Indels
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Pred. No. 9.2e+02;
0; Mismatches 4;
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                                                                                          26:
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0,
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Gaps
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                                                                         Matches
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; OTHER INFORMATION: Description of Artificial Sequence:Synthetic US-09-933-700-17
                                                                                                                US-09-422-978-3962
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-422-978-3962/c
Sequence 3962, Application US/09422978
; Patent NO. 6537751
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                            SEQ ID NO 3962
LENGTH: 21
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Best Local S
Matches 17
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APPLICANT: The Institute of Physical and Chemical Research
TITLE OF INVENTION: Endonuclease
FILE REFERENCE: PH-651
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/933,700 CURRENT FILING DATE: 2001-08-20 PRIOR APPLICATION NUMBER: 09/316,083 PRIOR FILING DATE: 1999-05-20 NUMBER OF SEQ ID NOS: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                   EARLIER APPLICATION NUMBER: US 09/298,850 EARLIER FILING DATE: 1999-04-21 EARLIER PLICATION NUMBER: US 60/109,732 EARLIER FILING DATE: 1998-11-23 EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
                                                                                                                                                                                                                                                                                                  EARLIER FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cohen, Daniel
                                                                                                                             NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-12531 for SEQ
                                                                                                                                                                                     TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                  Local Similarity les 17; Conserv
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les 17; Conserv
2465 CAPATACGCCTACACCAAGCA 2485
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                                      Conservative
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                                                                                                                                                                                                                                                                                  NOS: 11796
                                                        0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 14.6; DB 1;
Pred. No. 9.2e+02;
0; Mismatches 4;
                                                        Score 14.6; DB 1
Pred. No. 9.2e+02
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                                        Mismatches
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RESULT 529
US-09-422-978-10799
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Clumakov, Ilya
APPLICANT: Clumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-01-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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Patent No. 6537751
GENERAL INFORMATION:
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Patent No. 6537751
GENERAL INFORMATION:
                                                                                                                                                                                                                                           SEQ ID NO 10799
LENGTH: 21
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Best Local (
                                        Query Match
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Best Local Similarity 81.0 Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CD1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
                                                                                                                                                                                                                                                                               EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: downstream amplification primer 99-15748 for SEQ 612, in complem.09-422-978-8477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
LOCATION: do
                                                                                                   NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-19901
                                                                                                                                                                                             ORGANISM: Homo Sapiens
                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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                    81.0%;
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0.3%; Score 14.6; DB 1;
81.0%; Pred. No. 9.2e+02;
ive 0; Mismatches 4;
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Pred. No. 9.2e+02;
0; Mismatches 4;
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                                                                                                                                                                                                                                                                                               US-09-374-766-54
                                                Sequence 50, Application US/089798478 Patent No. 6582703 GENERAL INFORMATION:
                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                            Query Match
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, VG

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
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FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08,
FILING DATE: 02-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
TOPOLOGY: line
MOLECULE TYPE:
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TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 703-0-787
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 38588
                                                                                                                                                                                                                                               Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
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                                   APPLICANT:
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Y: U.S.A.
                                                                                                                                                                                                                                                                                                                                                          nucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3: Oliff & Berridge
700 South Washington Street, Suite 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Colette JOLIVET
Bernard MANDRAND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Glaucia PARANHOS-BACCALA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Florence KOMURIAN-PRADEL
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BESEME, FREDERIC
BEDIN, FREDERIC
                                   PERRON, HERVE
                                                                                                                                                                                                                                                                                                                                           single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US/08/691,563
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                                                                                                                                                                                                                                                               DB 1;
                                                                                                                                                                                                                                                          Length 21;
                                                                                                                                                                                                                               Indels
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PROPHYLAC

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US-09-596-248D-44
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                                         SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 44
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                            Patent No. 6599727 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 44, Application US/09596248D
                                                                                                     CURRENT APPLICATION NUMBER: US/09/596,248D CURRENT FILING DATE: 2000-06-16 PRIOR APPLICATION NUMBER: 60/139,543 PRIOR ETLING DATE: 1999-06-16 NUMBER OF SEQ ID NOS: 68
                                                                                                                                                                                              APPLICANT: Christenson, Erik
APPLICANT: DeMaggio, Anthony J
APPLICANT: Goldman, Phyllis S
APPLICANT: McElligott, David L
TITLE OF INVENTION: Human Poly(ADP-Ribose) Polymerase 2 Materials
FILE OF INVENTION: Methods
FILE REFERENCE: 27866/36544
FILE REFERENCE: 17866/36544
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: WPB 39046A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 50:
  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATION STEMPLION PATENTAL
APPLICATION DATA:
APPLICATION NUMBER: US/08/979,847B
FILING DATE: 26-No. 6582703-1997
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BERRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
REGISTRATION NUMBER: 30,024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: cDNA SEQUENCE DESCRIPTION: SEQ ID NO:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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STATE: VA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ESPONDENCE ADDRESS:
ADDRESSEE: OLIFF & BERI
STREET: P.O. BOX 19928
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
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TYPE: nucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    KOMURIAN-PRADEL, FLORENCE
JOLIVET-REYNAUD, COLETTE
MANDRAND, BERNARD
GARSON, JEREMY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.3%;
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Pred. No. 9.2e
0; Mismatches
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SEQ ID NO 19
LENGTH: 21
SEQ ID NO 826
LENGTH: 21
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Best Local
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                                                                           PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
                                                                                                                                                                                                         APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825, 1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
                                           SOFTWARE:
                                                            NUMBER OF SEQ ID NOS: 2551
                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                           FastSEQ for Windows Version 4.0
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; OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-596-248D-44
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US-09-733-685-19
                                                                                          Sequence 826, Application US/09657472 Patent No. 6727063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6706952
GENERAL INFORMATION:
                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cade, Rebecca MAPPLICANT: Dietrich, Robert A
RIPLICANT: Dietrich, Robert A
TITLE OF INVENTION: GENES ENCODING PROTEINS INVOLVED IN THE REGULATION
TITLE OF INVENTION: SAR GENE EXPRESSION IN PLANTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: A-31089A
CURRENT APPLICATION NUMBER: US/09/733,685
CURRENT FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/171,008
PRIOR FILING DATE: 199-12-15
PRIOR APPLICATION NUMBER: 60/175,519
PRIOR FILING DATE: 2000-01-11
                                                   APPLICANT: Lander, Eric S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                             7 Match 0.3%;
Local Similarity 81.0%;
1es 17; Conservative (
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                                                                                                                                                                                                          GAAGGGGAAAAACATGAAGGA 21
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                   Cargill, Michele
Ireland, James S
Bolk, Stacey
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Pred. No. 9.
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Pred. No. 9
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-828
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US-09-657-472-828/c
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CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
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Best Local Similarity
Matches 17; Conserv
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Patent No. 6727063
GENERAL INFORMATION:
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Best Local Similarity 81.0%;
Matches 17; Conservative
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                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                  -09-657-472-2440/c
                                                                                                                                                                                                                                            APPLICANT: Lander, Eric S. APPLICANT: Cargill, Miche APPLICANT: Ireland, James
                                                                                                                                                 APPLICANT: Daley, George Q.
APPLICANT: MCCarthy, Jeanette J.
TITLE OF INVENTION: SIGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825.1027-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
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PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 2551
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1030 GTGGGCTTCCAGAAGAGCATC 1050
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Ireland, James S.
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Pred. No. 9.2e+02;
0; Mismatches 4
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Pred. No. 9.2e+02;
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CURRENT APPLICATION NUMBER: US/09/898,659
CURRENT FILING DATE: 2001-07-03
PRIOR APPLICATION NUMBER: 60/215,824
PRIOR FILING DATE: 2000-07-05
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 9
LENGTH: 21
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 21
TYPE: DNA
CORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-153-838-2
                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: TANKELEY, Steven D.
TITLE OF INVENTION: GENE CONTROLLING FRUIT
TITLE OF INVENTION: PLANTS
FILE REFERENCE: 19603/3211
FILE REFERENCE: 19603/3211
                                                                                                                                                                                                                                                    Sequence 9, Application US/09898659 Patent No. 6756524
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Best Local (
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/153,838A CURRENT FILING DATE: 1998-09-15 EARLIER APPLICATION NUMBER: PCT/FR97/00472 EARLIER FILING DATE: 1997-03-17 EARLIER APPLICATION NUMBER: FR96/03519 EARLIER FILING DATE: 1996-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wils, Pierre
APPLICANT: Ollivier, Monique
TITLE OF INVENTION: PURIFICATION OF PHARMACEUTICAL-GRADE PLASMID DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: ST96016-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Poly-CTT OTHER INFORMATION: containing oligonucleotide
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17; Conserv
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17; Conserv
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ilarity 81.0%;
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Pred. No. 9.2e
0; Mismatches
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Pred. No. 9.2e+02;
0; Mismatches 4
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TYPE: DNA ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:

GSP1 Primer

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PCT-US95-00163-7
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US-10-195-781B-10
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Best Local S
Matches 17
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Best Local Similarity
Matches 17; Conserv
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GENERAL INFORMATION:
APPLICANT: Cohen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/195,781B CURRENT FILING DATE: 2002-07-15
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
ATMAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/305362
PRIOR FILING DATE: 2001-07-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Niu, Xiaomu
TITLE OF INVENTION: Vascular Tissue-Preferred Promoters
FILE REFERENCE: 1309
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bourque, Andre
APPLICANT: Vilenchik, Maria
TITLE OF INVENTION: Method for Analyzing
TITLE OF INVENTION: Oligonucleotide Analo
NUMBER OF SEQUENCES: 8
                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                       APPLICATION NUMBER: PCT/US95/00163
                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                            CITY: Boston
                                                                                                                                                                                                                                                                                            STREET:
                                                                                                                                                                                                                                                                                                              DDRESSEE:
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                                                                                                                                                                                                                                                            Massachusetts
                                                                                                                                                                                                                                                                                            E: Lappin & Kusmer
200 State Street
                                                                                                                                                                                                                                           U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                    Cohen, Aharon S.
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Pred. No. 9.2e+02
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Pred. No. 9.2e+02;
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                                 Matches
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                                                               Query Match
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TELEPAX: 617/330-1311
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                       TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                      ATTORNOL, SULTON, JELLLY, NAME: SULTON, JELLLY, 28
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P502
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/
FILING DATE: 23-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/0674
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Human Galactokinase Gene NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
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                                                                                                               MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                Local Similarity
                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: SmithKline Beecham Corp./Corporate ADDRESSEE: Intellectual Property STREET: 709 Swedeland Road/UW2220
                                                                                                                                          STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
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                                 Conservative
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                                              Score 14.6; DB 1;
Pred. No. 9.2e+02;
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Pred. No. 9.2e+02
                                 Mismatches
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                                                             Length 21;
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                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                       equence 36, Application US/08524757
atent No. 5792634
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APPLICANT: Cohen, Aharon S.
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NAME: KETNET, ANN-LOUISE
REGISTRATION UNMBER: 33,523
REFERENCE/DOCKET NUMBER: HY:
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: RICHARDS, MEDLOCK & ANDREWS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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COMPUTER READABLE FORM:
                                                                                                                       APPLICANT: Bradsher
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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                                                                                                                                                                       APPLICANT: Conaway, Joan W.
                                         STREET: 1. STREET: TYY: Dallas
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PPLICANT: Vilenchik, Mar
   COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
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                                                                          1201 Elm Street, Suite
                                                                                                          Bradsher, John N.
NENTION: RNA Polymerase Transcription Factor
REQUENCES: 37
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200 State Street
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                                                                                                                                                                                    Conaway,
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Pred. No. 1
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MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/755,587
FILING DATE: 25-NOV-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9523959.6
FILING DATE: 23-NOV-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9525555.0
FILING DATE: 14-DEC-1995
PRIOR DATE: 14-DEC-1995
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Patent No. 6045997
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/
FILING DATE: 29-NOV-1994
PRIOR APPLICATION NUMBER: US 08/16(
APPLICATION NUMBER: US 08/16(
PRIOR DATE: 30-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Harre, John A.
REGISTRATION NUMBER: 37,345
REFERENCE/DOCKET NUMBER: B35(
TELECOMMUNICATION INFORMATION:
TREFERENCE/DOCKET NUMBER: B35(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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ADDRESSEE: Bell Selt
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                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Bell Seltzer Park & Gibson
STREET: 310 UCB Plaza, 3605 Glenwood Avenue, PO Drawer 31107
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Wooster, Richard F
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81.0%; Pred. No. 16
                                                                                                                                                                                                                                                                                                                                                                                                         identification and sequencing of the susceptibility gene and uses thereof. 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                Materials and methods relating to the identification and sequencing of the BRCA2 cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Michael R
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Matches
                Query Match
Best Local S
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GENERAL INFORMATION:
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Best Local S
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INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                              TELEX: 200154
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordberfect (Version 5.0)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                             FILING DATE: September 23, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 28-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kenneth D Sibley
                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Towle, Christine A. et al. TITLE OF INVENTION: ANNEXIN XI NUMBER OF SEQUENCES: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                         TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 07/837,775
APPLICATION NUMBER: 07/837,775
FILING DATE: February 13, 1992
APPLICATION NUMBER: 07/764,465
                                                                                                                                                                                                                 TELEFAX:
                                                                                                                                                                                                                               TELEPHONE:
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                                                                                                                                           ENGTH:
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 l Similarity
17; Conserv
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17; Conserv
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6107089
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                                                                                                                                                                                                               (617) 542-8906
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   Conservative
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                  0.3%;
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Score 14.6; DB 1; Length 22; Pred. No. 1e+03; 0; Mismatches 4; Indels
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US-08-875-277A-5
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                                                                                                                                                                                                                                               Sequence 5, Application US/08875277A Patent No. 6171808
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
ODERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
CURRENT APPLICATION DATA;
APPLICATION NUMBER: US/08/718,425
FILING DATE: 20-NOV-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arthur R. Crawford
REGISTRATION NUMBER: 124-539
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEPHONE: (703) 816-4000
                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (703) 816-4100 INFORMATION FOR SEQ ID NO: 3:
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                                CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                            APPLICANT: SQUIRRELL, DAVID J.
APPLICANT: LOWE, CHRISTOPHER R.
APPLICANT: WHITE, PETER J.
APPLICANT: MURRAY, JAMES A.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Murray, James A. H. APPLICANT: Squirrell, David J. TITLE OF INVENTION: LUCIFERASES NUMBER OF SEQUENCES: 5
                                                                                                                        APPLICANT: MURRAY, JAMES A.H.
TITLE OF INVENTION: MUTANT LUCIFERASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Nixon & Vanderhye
STREET: 1100 No. 6132983th Glebe Road, 8th Floor
CITY: Arlington
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                       CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2545 CTTATCCCCTGGTGCACGTGG 2565
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                   ARLINGTON
VIRGINIA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        unknown
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COUNTRY: U.S.A

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REFERENCE/DOCKET NUMBER: 124-588
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
Type:
                                                                    CURRENT APPLICATION NUMBER: US/09/068,880B CURRENT FILING DATE: 1998-09-02 EARLIER APPLICATION NUMBER: PCT/JP97/03303 EARLIER FILING DATE: 1997-09-18 NUMBER OF SEQ ID NOS: 17 SOFTWARE: FBSTSEQ for Windows Version 4.0 SEQ ID NO 3 LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                           Sequence 3, Application US/09068880B Patent No. 6203982
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Best Local S
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                                                                                                                                                                                                                   APPLICANT: Nunokawa, Youichi
APPLICANT: Oikawa, Shinzo
APPLICANT: Tanaka, Shoji
TITLE OF INVENTION: Method for Screening Compounds
TITLE OF INVENTION: Regulating the Expression of Hu
TITLE OF INVENTION: Synthase
FILE REFERENCE: SHIM-001
                     TYPE: DNA ORGANISM: Artificial Sequence
               FEATURE:
OTHER INFORMATION: Primer
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PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: GB 9501172.2
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/875,277A
APPLICATION NUMBER: US/08/875,277A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HYPOTHETICAL: N
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 24-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: CRAWFORD, ARTHUR R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: GB 9: FILING DATE: 20-JAN-1995 PRIOR APPLICATION DATA: APPLICATION NUMBER: GB 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM:
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17; Conserv
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nucleic acid
DEDNESS: single
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replace(10, "")
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Pred. No. 1e
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RESULT 550
US-09-097-231-21
; Sequence 21, Application
; Patent No. 6278038
; GENERAL INFORMATION:
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US-09-240-918-10
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Sequence 10, App.
No. 626516
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Gruenert, Dieter C.
APPLICANT: Xu, Zhidong
APPLICANT: Xu, Zhidong
TITLE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH cDNA CLONING
FILE REFERENCE: 480.85.1(HV)
CURRENT FILING DATE: 199-01-29
ENIOR APPLICATION NUMBER: 60/108,183
PRIOR APPLICATION NUMBER: 60/108,183
PRIOR FILING DATE: 1998-11-12
NUMBER OF SEQ ID NOS: 96
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10
LENGTH: 22
TYPE: NUMBER: PATENTIN VER. 2.0
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Best Local Similarity
Matches 17; Conserv
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
ATTORNEY/AGENT INFORMATION:
NAME: NO. 6278038nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 96,88
TELECOMMUNICATION INFORMATION:
                                                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION LOWBER: US/09/097,231
FILING DATE: 12-Jun-198
CLASSIFICATION: - Unknown>
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                                                                                                                                                                                                                                                                                                                                                                                         Low, Malcolm J
TITLE OF INVENTION: Mammalian Melanocortin Receptor and Uses
NUMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cone, Roger D
Chen, Wenbiao
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 265 CCCCCCTCTCTCTTTCTCT 285
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                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 60606
                                                                                                                                                                                                                                                                                                   CITY: Chicago
STATE: Illinois
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                                                                                                                                                                                                                                                                                                                                            STREET:
                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/09240918
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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US-08-564-989-1
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US-09-433-322B-3
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                                                                                                                                                                                                                                     Sequence 1, Application US/08564989 Patent No. 6432709
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Matches 17; Conserv
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Best Local Similarity
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APPLICANT: COHEN-HAGUENAUER, Odile
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                                                                                                                                                      ARCHL NO. (ACCHOUNCE TO THE NAME OF THE PARKATION: PACKAGING CELL LINES AND EXPRESSION VECTORS INTENDED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: RETROVIRAL VECTOR FOR THE TRANSFER AND EXPRESSION OF TITLE OF INVENTION: GENES FOR THERAPEUTIC PURPOSES IN EUKARYOTIC CELLS FILE REFERENCE: 8076.110USC1 CURRENT APPLICATION NUMBER: US/09/433,322B CURRENT FILING DATE: 1999-11-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: FR 9308015
PRIOR FILING DATE: 1993-06-30
NUMBER OF SEQ ID NOS: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 08/270,662 PRIOR FILING DATE: 1994-06-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 22
TYPE: DNA
ORGANISM: Primer
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INFORMATION FOR SEQ ID NO: 21:
              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                               TITLE OF INVENTION: PANUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                    CITY: Minneapolis STATE: MN
                                                                                                                   ADDRESSEE: Merchant, Gould, Smith, Edell, Welter & Schmidt STREET: 3100 No. 6432709west Center, 90 S. 7th Street
COMPUTER:
                                                 COUNTRY: UZIP: 55402
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                         4265 ТССТСАССТССААСАААААС 4285
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TELEFAX: 312-913-0002
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 IBM Comparible
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Pred. No. 1
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; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-08-564-989-1
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Best Local Similarity
Matches 17; Conserv
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                                                                           COMPUTER: IBM Compatible
ODERATING SYSTEM; DOS
SOFTWARE: FastSEQ Version 1.5
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA;
APPLICATION NUMBER: US/08/564,91
FILLING DATE: 30-NOV-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA;
APPLICATION NUMBER: 94 14406
FILLING DATE: 30-NOV-1994
ATTORNEY/AGENT INFORMATION:
VALUE: US/11500 DATA11 A
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 94 144
FILING DATE: 30-NOV-1994
ATTORNEY/AGENT INFORMATION:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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REGISTRATION NUMBER: 31,838
REFERENCE/DOCKET NUMBER: 8076.126US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612/3/32-5300
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MEDIUM TYPE: Diskette
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MOLECULE TYPE: Ge
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APPLICATION NUMBER: US,
FILING DATE: 30-NOV-19:
TELECOMMUNICATION INFORMATION: TELEPHONE: 612/332-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                              NAME: Hillson, Randall A
REGISTRATION NUMBER: 31,838
REFERENCE/DOCKET NUMBER: 8076.126US01
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                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Merchant, Gould, Smith, Edell, Welter & Schmidt
STREET: 3100 No. 6432709west Center, 90 S. 7th Street
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VENTION: PACKAGING CELL
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Pred. No. 1e
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MOLECULE TYPE: GO
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-564-989-17
                     PRIOR APPLICATION NUMBER: 60/292,934
PRIOR FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 60/219,621
PRIOR FILING DATE: 2000-07-21
PRIOR PILING DATE: 2000-07-21
PRIOR APPLICATION NUMBER: 69/487,792
PRIOR FILING DATE: 2000-01-20
PRIOR FILING DATE: 2000-01-20
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Best Local Similarity 81.0
Matches 17; Conservative
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SEQ ID NO 50
LENGTH: 22
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Patent No. 6433145
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
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                                                                                                                                                                                                                                         Sequence 50, Appl Patent No. 647251
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CURRENT FILING DATE: 2000-01-20
EARLIER APPLICATION NUMBER: 60/093,643
EARLIER FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: PCT/US99/16424
                                                                                                                                     FILE REFERENCE: PF482P2
CURRENT APPLICATION NUMBER: US/09/908,594
CURRENT FILING DATE: 2001-07-20
                                                                                                                                                                                   APPLICANT: LaFleur, et al.
TITLE OF INVENTION: Keratinocyte Derived Interferon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EARLIER FILING DATE: 1999-07-21 NUMBER OF SEQ ID NOS: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Keratinocyte Derived Interferon FILE REFERENCE: PF482P1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Homo sapiens
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nes 17; Conserv
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   FILING DATE:
                APPLICATION NUMBER: US00/01239
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2000-01-20
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81.0%;
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Pred. No. 1e+03;
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Pred. No. 1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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SEQ ID NO 4
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                          US-09-930-218-14/c
                                                                                                                                                                                                                                                                                                              RESULT 557
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence: US-09-658-077-4
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Best Local Similarity 81.0%;
Matches 17; Conservative
                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                    Sequence 14,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 50
APPLICANT: pecker, iris
APPLICANT: vlodavsky, israel
APPLICANT: vlodavsky, israel
APPLICANT: israel, michal
TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE
TITLE OF INVENTION: HEPARANASE ACTIVITY
FILE REPERENCE: 01/22335
CURRENT APPLICATION NUMBER: US/09/930,218
CURRENT FILING DATE: 2001-08-16
PRIOR APPLICATION NUMBER: 09/666,390
PRIOR PILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 16
                                                                                                                                                                                                                                               sequence 14, Application US/09930218
Patent No. 6677137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US99/16424
PRIOR PILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 60/093,643
PRIOR FILING DATE: 1998-07-21
NUMBER OF SEQ ID NOS: 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Combinatorial Fluoresence TITLE OF INVENTION: Their Applications For Mul FILE REFERENCE: 0575/6238/JFW/ADM CURRENT APPLICATION NUMBER: US/09/658,077 CURRENT FILING DATE: 2000-09-11 NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ju, Jingyue APPLICANT: et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                             APPLICANT: goldshmidt,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE: NAME/KEY: Primer Bind OTHER INFORMATION: Synthetic primer complementary to the human IFNa2.
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TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
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Pred. No. 1e
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Pred. No. 1e+03;
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For Multiplex Genetic Analyses
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; OTHER INFORMATION: synthetic polynucleotide
US-09-930-218-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 559
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                                                                                                                                                                                                                                                                                                                                                                                                                                   PCT-US95-00163-6
                                                                                                                                                                                                                                                                     Sequence 6, Application PC/TUSY5UU165
GENERAL INFORMATION:
APPLICANT: Cohen, Aharon S.
APPLICANT: Bourque, Andre
APPLICANT: Vilenchik, Maria
TITLE OF INVENTION: Method for Analyzing
TITLE OF INVENTION: Oligonucleotide Analogs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.1
SEQ ID NO 82
LENGTH: 22
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LENGTH: 22
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Best Local
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Elson, S.
APPLICANT: Ferguson, K.
APPLICANT: Ferguson, K.
APPLICANT: Ferguson, K.
APPLICANT: Ferguson, K.
APPLICANT: Homberger, S.
TITLE OF INVENTION: ANIMAL MODELS AND METHODS FOR ANALYSIS OF LIPID METABOLISM AND TITLE OF INVENTION: OF PHARMACEUTICAL AND PESTICIDAL AGENTS THAT MODULATE LIPID MET FILE REFERENCE: 7366-101, EX99-004
CURRENT APPLICATION NUMBER: US/09/332,522E
CURRENT APPLICATION SUMBER: US/09/332,522E
CURRENT FILING DATE: 199-06-14
NUMBER OF SEQ ID NOS: 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Oligonucleotide -09-332-522E-82
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                        CITY: Boston
STATE: Massac
                                                                                                                                     COUNTRY:
                                                                                                                                                                                                    STREET:
                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2157 CTCAGGCGAAACCAAAACTAT 2177
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                                                                                                                                                        Massachusetts
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                                                                                                                                                                                                  E: Lappin & Kusmer
200 State Street
                                                                                                                                     U.S.A.
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Patent No. 596911
                                                 CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 1467/93-4

FILING DATE: 12-MAX-1993

PRIOR APPLICATION NUMBER: US 08/241,213

PRIOR APPLICATION NUMBER: US 08/241,213

FILING DATE: 10-MAX-1994

ATTORNEY/AGENT INFORMATION:
NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,134

REFERENCE/DOCKET NUMBER: 4-19552/A/DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 277-3318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
           TELEFAX: (908) 277-43
                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,434
FILING DATE: 02-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Kerner, Ann-Louise REGISTRATION NUMBER: 33,523 REFERENCES/DOCKET NUMBER: HYZTELECOMMUNICATION INFORMATION: TELEPHONE: 617,330-1300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: No. 5969116artis Corporation STREET: 59 Route 10 CTIY: East Hanover
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US95/00163 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX:
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                                   277-4306
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ENGTH:

: 16 base pairs nucleic acid

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RESULT 562
US-08-441-370-3
; Sequence 3, Application US/08441370
; Patent No. 5721138
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                                                                                                                                                                                 Query Match
Best Local !
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 07/936,531
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "synthetic oligonucleotide

DESCRIPTION: comprising a modified sugar"
                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordParfect (Version 5.1)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: James D. Thompson
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: TREATMENT OF BREAST CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                            STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 197/245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/01
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                 TYPE:
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                                                                                                                                                                                                                                                                                                LENGTH:
                                                                                                                     341 TTCCCTCACTGAGCGC 356
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15; Conserv
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: California
                                                                                                                                                                                                                                                                            nucleic acid
                                                                                                    TTCCCTCAGTGAGCGC 2
                                                                                                                                                                                                                                                                                                                                               67-3510
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                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                              single
                                                                                                                                                                              0.3%;
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                                                                                                                                                                               Score 14.4;
Pred. No. 6.
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                                                                                                                                                                    Mismatches
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                                                                                                                                                                              6.8e+02;
                                                                                                                                                                                               DB 1; Length 17;
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Best Local S
                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                              APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44
                                                                                                              TITLE OF INVENTION: NUCLEÏC ACID TO TITLE OF INVENTION: METHODS OF USE NUMBER OF SEQUENCES: 65 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street
                                                                                          STREET: 633 West ri
                                                                 CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                            Smith, Louis C.
Cristiano, Richard J.
Gottchalk, Stephen
                                                                                                                                                                                                                                                              WOO,
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ACID TRANSPORTER SYSTEMS AND

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; STRANDEDNESS: single TOPOLOGY: unknown MOLECULE TYPE: DNA (genomic) US-08-441-370-3
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NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Lawn, Richard M.
TITLE OF INVENTION: Apolipo
TITLE OF INVENTION: Regulat
                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991
FILING DATE: 15-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: COTUZZI, LAURA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7627
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
                                   38 GCAGAAGAACCACTTC 53
                                                                                    ch 0.3%; Score 14.4; DB 1; Similarity 93.8%; Pred. No. 6.8e+02; 15; Conservative 0; Mismatches 1
2 GTÁGAAGAÁCCACTTC 17
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1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Apolipoprotein(A) Promoter and Methods of Use Regulatory Sequence Constructs and Methods of Use
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                                                                                                                                 DB 1;
                                                                                                                               Length 17;
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Best Local Similarity 93.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ·08-460-890A-7
                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth S
STREET: Suite 4700
CITY: Los Angels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                  OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FASTSEQ for Windows 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 32,327
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
FORMATTON:
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FILING PARTS. TABLE TO THE TRANSPORT APPLICATION NUMBER.
                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: MARCh 19, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Woo, Savio L.C. APPLICANT: Smith, Louis C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: June 5,
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                  APPLICATION NUMBER: US/08, FILING DATE: June 5, 1995 CLASSIFICATION: 435
                                                                                                                        COMPUTER: IBM CompoperATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08, FILING DATE: June 5, 1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                  COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                281 TCTCTCTCTCTCTT 296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17 TCCCTCTCTCTCTT 2
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                                                                                                                                                                                                                                                                      California
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                                                                                                                                              IBM Compatible
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08/167,641
                                                                          US/08/460,890A
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US-08-167-641C-7/c
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APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 31,327
REFERENCE/DOCKET NUMBER: 312,066
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Best Local Similarity
Matches 15; Conserv
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASK-SEQ for Windows 2.0
CURRENT APPLICATION DATA:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                            APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                        APPLICATION NUMBER: US/08/
FILING DATE: December 14,
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND TITLE OF INVENTION: METHODS OF USE NUMBER OF SEQUENCES: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             281 rerererererere 296
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      17 TCCCTCTCTCTCTT 2
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93.8%; Pred. No. 6.8e+02;
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Gaps

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RESULT 566
US-08-167-641C-9/c
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Query Match
Best Local Similarity
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE, CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                     REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 201
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: FCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
                                                                   MOLECULE TYPE:
                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND TITLE OF INVENTION: METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                 TOPOLOGY:
                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                    TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/167,641C
FILING DATE: December 14, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 633 West F
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                      LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     281 TCTCTCTCTCTCTT 296
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Los Angeles
: California
                                                                                                               nucleic acid
                                                                                                                                                                                                                                                                                     Warburg, Richard J.
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67-3510
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633 West Fifth Street
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0.3%;
93.8%;
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Score 14.4; DB 1;
Pred. No. 6.8e+02;
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Pred. No. 6.8e+02;
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              Length 17;
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RESULT 568
US-08-460-971A-9/c
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US-08-460-971A-7/c
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                                                                                                                               Query Match 0.3%;
Best Local Similarity 93.8%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/027
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                             STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                          NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32.327
REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSEQ for Windows 2.0 CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P. C. DOS 5.0
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FILING DATE: June 5,
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND ITTLE OF INVENTION: METHODS OF USE
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633 West Fifth Street
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Gottchalk, Stephen
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Smith, Louis C.
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June 5, 1995
                                                                                                                                                                                                                                               double
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                                                                                                                                                Score 14.4;
Pred. No. 6
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Sequence 9, Application US/08460971A

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PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/063
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEEX: 67-3510
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENURCE CHARACTERISTICS:
LENURCE CHARACTERISTICS:
STRANDEDNESS: Single
TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: linear
TOPOLOGY: linear
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Best Local Similarity
                                                                                                                                                                                     Sequence 7,
                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                   tent No.
                      APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,971A
FILING DATE: June 5, 1995
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
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ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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APPLICANT: Smith, Louis C.
APPLICANT: Criseiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLBIC ACID TRANSPORTER SYSTEMS
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                       , Application US/08462040 6177554
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ilarity 93.8%;
Conservative
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Pred. No. 6.8e+02;
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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Best Local Similarity 93.8%; Pred. No. 6.8e+02
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                             APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: 1:
MOLECULE TYPE:
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LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                        NUMBER OF SEQUENCES:
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STREET: 633 West Fif
STREET: Suite 4700
CITY: Los Angeles
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                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
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Gaps

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US-08-462-040-9
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Best Local Similarity 93.8%;
Matches 15; Conservative
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Inc.
STREET: One Financial Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
                                FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Willia
                                                                                     CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Habener, J.F. and Stoffers, D.A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: PANCREATIC DISEASE
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APPLICATION NUMBER:
FILING DATE: Decembe
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APPLICATION NUMBER: US
FILING DATE: June 5, 1
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STRANDEDNESS:
REGISTRATION NUMBER: 34,380 REFERENCE/DOCKET NUMBER: 11:
                                                                                                                                       APPLICATION NUMBER: US/08/
FILING DATE: June 24, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/07
FILING DATE: March 19, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 536
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SOFTWARE: FastSE(
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX:
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                            Kathleen M. Williams
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             nucleic acid
EDNESS: single
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                                                                                                                                                            US/08/881,450A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 14.4; DB 1;
Pred. No. 6.8e+02;
0; Mismatches 1;
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MOLECULE TYPE: DNA (genomic);
SEQUENCE DESCRIPTION: SEQ ID
US-09-343-698-2
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US-09-343-698-2
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Best Local (
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                              TELEFAX: 202-408-4400 INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nu
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/325,955
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Ogden, Stasia L.
REGISTRATION NUMBER: 36,228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: COMPORTION: COMPORT OF COMPO
                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 05552.0981-04000
TELEPHONE: 202-408-4000
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Sedlacek, Hans-Harald
TITLE OF INVENTION: Glycosyl-Ecoposide Prodrugs, A Process For
Preparation Thereof And The Use Thereof In Combination Wit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
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                                                                                                                                                       LENGTH: 17 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Washington STATE: D.C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 1300 I Street, N.W., Suite 700
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 20005
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Bosslet, Klaus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Czech, Joerg
Kolar, Cenek
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                                                                                                                               linear
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Pred. No. 6.8e+02;
                                                 NO:
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                                                                                                    RESULT 574
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US-08-325-955-2
                                                                                                                                                                                                                                                              US-08-325-955-2
                                         Patent No. 6686188 GENERAL INFORMATION:
                                                                    Sequence 1344, Application US/09866108A
                                                                                                                                                                                                                              Query Match
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Best Local Similarity
                                                                                                                                                                                                     Matches
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
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                                                                                                                                                                                                                                                                                                                                               TELEFAX: 202-408-4400 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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NAME: OGGEN, Stasia L.
REGISTRATION NUMBER: 36,228
REFERENCE/DOCKET NUMBER: 05:
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US,
FILING DATE: 19-OCT-19
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APPLICANT: Sedlacek, Hans-Harald
TITLE OF INVENTION: Glycosyl-Etoposide Prodrugs, A Process
NUMBER OF SEQUENCES: 8
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
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STREET: 1300 I Street, N.W., Suite 700
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Czech, Joerg
Kolar, Cenek
                                                                                                                                                                                                                                                                                                                                   17 base pairs
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Pred. No. 6.8e+02;
0; Mismatches 1
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Pred. No. 6.8e+02
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                                                                                                                                                                                                                                DB 1;
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RESULT 575
US-09-866-108A-1348
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1348, Application US/09866108A Patent No. 6686188 GENERAL INFORMATION:
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SEQ ID NO 1344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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                                                                                                                                                                                                                                                            APPLICANT: SHANNON, MAYK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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PRIOR TILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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PRIOR FILING DATE: 2000-05-26
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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Local Similarity 93.8%;
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RANK, David R.
CHEN, Wensheng
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CHEN, Wensheng
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Pred. No. 6.8e+02;
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1348
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: WF 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
                                                                    Patent No. 668
SEQ ID NO 6703
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Best Local Similarity 93.8%;
Matches 15; Conservative
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SEQ ID NO 1348
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Patent No. 6000____.
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 15755
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
rype: DNA
DRGANISM: Homo sapiens
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
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FILING DATE: 2001-01-30
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HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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Pred. No. 6.8e
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6704
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    Query Match

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PRIOR FILING DATE: 2000-05-26
PRIOR PRILICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                            Patent No. 6686188
SEQ ID NO 6704
                                                                  Matches
                                                                                  Query Match
Best Local (
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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APPLICATION NUMBER: PCT/US01/00664
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16 GCTTCTTCAGGAGTGG 1
                         82 GCTTCTTCAGAAGTGG
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15; Conserv
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                                                                Conservative
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                                                                                  Score 14.4; DB 1;
Pred. No. 6.8e+02;
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RESULT 578 US-09-866-108A-7085

Sequence 7085, Application US/09866108A Patent No. 6686188

GENERAL INFORMATION:
APPLICANT: GU, Yizh
APPLICANT: JI, Yor

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Best Local Similarity
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SEQ ID NO 7085
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                                         CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25 PRIOR APPLICATION NUMBER: US 60/207,456 PRIOR FILING DATE: 2000-05-26 PRIOR APPLICATION NUMBER: GB 24263.6 PRIOR APPLICATION NUMBER: GB 24263.6 PRIOR FILING DATE: 2000-10-04 PRIOR APPLICATION NUMBER: US 60/236,359 PRIOR APPLICATION NUMBER: US 60/236,359 PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART
FILE REFERENCE: AEOMICA-7
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APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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PRIOR APPLICATION NUMBER: US 60/236,359
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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                        APPLICATION NUMBER: PCT/US01/00666
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o. 6686188
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Pred. No. 6.
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CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667
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Patent No. 668
SEQ ID NO 8197
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Matches
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SEQ ID NO 7086
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PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 15755
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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93.8%; Pred. No. 6.
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6.8e+02;
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                                      RESULT 582
US-09-866-108A-8201/c
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; SEQ ID NO 8199
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Best Local Similarity
Matches 15; Conserv
Sequence 8201, Application US/09866108A Patent No. 6686188
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Matches 15; Conserv
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APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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CURRENT APPLICATION: NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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FILING DATE: 2001-01-30
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HANZEL, David
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Pred. No. 6.8e+02;
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Pred. No. 6.8e+02;
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APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
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Best Local Similarity 93.8%;
Matches 15; Conservation
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Patent No. 6686188
SEQ ID NO 8201
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APPLICANT:
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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APPLICANT: JI, Yonggang
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TYPE: DNA
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PRIOR FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
APPLICATION NUMBER: US 60/236,359 ETILING DATE: 2000-09-27 APPLICATION NUMBER: PCT/US01/00666 FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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L, David K.
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RESULT 584
US-07-767-135-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 15; Conserv
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: NUCLBIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8202
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Patent No. 5
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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APPLICANT: Beutler,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                        APPLICATION NUMBER: US/
FILING DATE: 19910927
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Bingham, Douglas A
REGISTRATION NUMBER: 32,457
REFERENCE/DOCKET NUMBER: SCI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Sorge, Joseph A
TITLE OF INVENTION: An Assay for a New Gaucher Disease
TITLE OF INVENTION: Mutation
                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 619-554-2937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                          TELEPHONE:
                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: UZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 3366 No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US01/00667 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US01/00663 FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00664
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5234811
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Pred. No. 6.8e+02;
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US-07-999-280A-8/c
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Best Local Similarity
Matches 15; Conserv
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                                                        Matches
                                                                    Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO:
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APPLICANT:
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HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                             TOPOLOGY: 1:
                                                                                                                                                                                                                                                             NAME: McGarrigle Jr., Philip
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 06(0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
                                                                                                                                                                                                                                                                                                                                   FILING DATE: 28-DEC-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/999,28
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                               TELEPHONE: (510) 601-271
TELEFAX: (510) 655-3542
                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                           TYPE:
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                                                                                                                                                                                     ENGTH:
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                           3388 GTCCTCCGACACCTCC 3403
18 GTACTCCGACACCTCC 3
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94662-8097
                                                                                                                                                                   nucleic acid
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NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
COYNE, MAZIE YEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Intellectual Property - R440, P.O. Box 8097
                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    KOTHS, KIRSTON E.
VENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                             DNA (genomic)
                                                                                                                                                       single
                                                                    0.3%; Score 14.4; DB 1;
93.8%; Pred. No. 7.6e+02;
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Pred. No. 7
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                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                              Version
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                                                                                 Length 18;
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                                                         Indels
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                                                        Gaps
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RESULT 586 US-08-426-036-8/c

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US-07-976-103A-10/c
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                                                                                                                                                                                                                                                                                             Sequence 10, Application US/07976103A Patent No. 5645985
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 15; Conserv
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INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: MCGARYIGLE Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.014
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
                                                                               NUMBER OF SEQUENCES: 5:
                                                                                                                    APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                                                                                                              APPLICANT: JONES, ROBERT J. APPLICANT: GUTIERREZ, ARNOI
                                                                                                                                                                                                                  APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US,
FILING DATE: 21-APR-19:
CLASSIFICATION: 435
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TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: LADNER, WARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAWASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
                                                                                                                                                                                                                                                         APPLICANT:
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TYPE: nucleic
STRANDEDNESS:
TOPOLOGY: lin
             ADDRESSEE: GILEAD SCIENCES
STREET: 353 Lakeside Drive
CITY: Foster City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX:
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                                                                                                                                                                              GUTIERREZ, ARNOLD J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (510) 655-3542
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                                                                 GILEAD SCIENCES, INC
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Pred. No. 7.
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APPLICATION UMMER: US/08/426, FILING DATE: 21-APR-1995 CLASSIFICATION: 530 ATTORNEY/AGENT INFORMATION: NAME: MCGARTÍGIE UT., Philip I REGISTRATION NUMBER: 31,395 REGISTRATION NUMBER: 0681 TELECOMMUNICATION INFORMATION: TELEPHONE: (510) 601-2718 TELEFAX: (510) 655-3542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best
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                                                                                                                                                    ZIP: 94062-00.

COMPUTER READBLE FORM:

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PAtentIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

CURRENT APPLICATION UNMBER: US/08/426,279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 16
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/07/976,103A
FILLING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE
ADDRESSEE: (
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: HALENBECK, ROBERT F.
APPLICANT: KOTHS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                             STREET: Intellectu
CITY: Emveryville
STATE: California
                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Match 0.3%; Score 14.4; Local Similarity 93.8%; Pred. No. 7.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               276 CTCTTTCTCTCTCTCT 291
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                                                                                                                                                                                                                                                                                                             PRY: U.S.A.
94662-8097
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                        Intellectual Property - R440, P.O. Box 809:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LADNER, MARTHA B.
NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COYNE, MAZIE YEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                          CHIRON CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Floppy disk
                                                                                             Philip L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             10:
                                                             0681.013
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Length 18; Indels

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US-08-401-013-8
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US-08-401-013-8/c
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Query Match
Best Local Similarity 93.8
Matches 15; Conservative
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Best Local Similarity 93.8%;
Matches 15; Conservative
                                                                                                                                               INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base Types
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 8, Application US/08401013 Patent No. 5681719
                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/999,280

FILING DATE: 28-DEC-1992

ATTORNEY/AGENT INFORMATION:

NAME: MCGarrigle Jr., Philip L.

REGISTRATION NUMBER: 31,395

REFERENCE/DOCKET NUMBER: 0681.007

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 601-2718
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: LADNER
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                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING COLOR OF THE PATENT IN PRESENT APPLICATION DATA:
CURRENT APPLICATION UNMBER: US/08/401,013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                          TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: CHIRON CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: HALENBECK, ROBERT F.
APPLICANT: KOTHS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                      TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                          STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Emveryville
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NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
COYNE, MAZIE YEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Intellectual Property - R440, P.O. Box 8097
                                                                                                                                                                                                                          (510) 655-3542
                                                                                            DNA (genomic)
                         93.8%;
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          ; Score 14.4; D
; Pred. No. 7.6e
0; Mismatches
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Pred. No. 7.
                         .6e+02;
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                                        DB 1; Length 18
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           Indels
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RESULT 590
US-08-473-481-10/c
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Query Match
Best Local Similarity
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PRILING DATE: 23-OCT-1992

CLASSIFICATION NUMBER: US 07/976,103

PILING DATE: 25-NOV-1992

CLASSIFICATION DATA: APPLICATION NUMBER: US 07/976,103

PILING DATE: 25-NOV-1992

CLASSIFICATION DATA: S14

PRIOR APPLICATION DATA: US 07/965,941

PRIOR APPLICATION: 514

PRIOR APPLICATION: 514
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                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 14-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES,
STREET: 353 Lakeside Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                         LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 26-NO
                                                                                                                                                                                                               TELEFAX:
                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Foster City
                                                                             TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MATTEUCCI, MARK
JONES, ROBERT J.
GUTIERREZ, ARNOLD J.
                                                                                                                                                                                                               (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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                                                                             linear
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N: 514
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0.3%;
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Score 14.4; DB 1; Pred. No. 7.6e+02;

Length 18;

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Matches

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RESULT 592
US-08-426-570-8/c
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US-09-339-964-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-339-964-15/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 8, Application US/08426570 Patent No. 6103224
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Patent No. 6025198
GENERAL INFORMATION:
                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: USO8/426,570
FILING DATE: 21-APR-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: MCCCTATION TO DESIGN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.3%;
Best Local Similarity 93.8%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
FILE REFERENCE: RTS-0065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/339,964
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                     STREET: INCLE
CITY: Emveryville
STATE: California
             NAME: McGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2005 AGAACCGGATCAGCCA 2020
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NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
COYNE, MAZIE YEE
                                                                                                                                                                                                                                                                                                                                    Intellectual Property - R440, P.O. Box 8097
                                                                                                                                                                                                                                                                                                                                                                                                                    HALENBECK, ROBERT F. KOTHS, KIRSTON E.
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                                                                                                                                                                                                                                                                                                                                                                                                      NEW FORMS OF
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Pred. No. 7.6e+02;
0; Mismatches 1;
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US-08-425-876-8/c
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US-08-426-570-8
                                                                                                                                  US-08-425-876-8
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                                                                                              Query Match
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Best Local Similarity
Matches 15; Conserv
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SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                 NAME: McGarrigle Jr., Phili;
REGISTRATION NUMBER: 31.395
REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
                                                                                                                                                  MOLECULE TYPE:
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                                                                              Local
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                                                                                                                                                                  STRANDEDNESS:
TOPOLOGY: li
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STRANDEDNESS: single
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                               3388 GTCCTCCGACACCTCC 3403
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                                                                                Similarity
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                                                                                                                                                                                               nucleic acid
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NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
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                                                                                                                                              DNA (genomic)
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                                                                                                                                                                                single
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                                                              0.3%; Score 14.4; I
93.8%; Pred. No. 7.60
ative 0; Mismatches
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Pred. No. 7.
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                                                                                6e+02
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                                                                                                 DB 1;
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SEQ ID NO 15 LENGTH: 18

FEATURE:

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US-08-401-632-8/c
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                                                                                                                           Sequence 8, Application US/08401632 Patent No. 6204020
                                                                                                                                                                                                                                                                                    Best Local Similarity Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                            GENERAL INFORMATION: APPLICANT: LADNER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: McGarrigle Jr., Philip REGISTRATION NUMBER: 31,395 REFERENCE/DOCKET NUMBER: 0681 TELECOMMUNICATION INFORMATION: TELEPHONE: (510) 601-2718 TELEFAX: (510) 655-3542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                             APPLICANT:
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MEDLIM TYPE: Floppy disk
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, \
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/999,280
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
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ADDRESSEE: CHIRON CO
                                              APPLICANT:
                                APPLICANT:
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                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
TOPOLOGY: lin
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CLASSIFICATION:
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                                                                                                                                                                                                                                                     3388 СТССТСССАСАССТСС 3403
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California
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NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
                          LADNER, MARTHA B.
NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
COYNE, MAZIE YEE
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                                                                                                                                                                                                                                                                                    Conservative
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                HALENBECK, ROBERT F.
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KIRSTON E.
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Pred. No. 7.6e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 6235887
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 11,
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                               ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION NUMBER: US/08/338,352
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,633
FILING DATE: 14-NOV-
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: TITLE OF INVENTION:
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ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                        STREET: 755 Page N
CITY: Palo Alto
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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TELEFAX: (510) 655-3542
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REGISTRATION NUMBER: 31,395
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                                                                                                                                                                                                                                                              755 Page Mill Road
                                                                                                                                                                                                                                                                                                                                                                                                     FROEHLER, BRIAN
                                                                                                                                                                                                             USA
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                                                  14-NOV-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.3%; Score 14.4; DB 1; 93.8%; Pred. No. 7.6e+02;
                                                                                                                                                                                                                                                                                                                                    PYRIMIDINES
                                                                                                                                                                                                                                                                                                                                                 ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX CONTAINING MODIFIED FORMATION DIRECTED BY OLIGONUCLECTIDES CONTAINING MODIFIED
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 US 07/935,444
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                                                                                                                                                               CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 08/473,481
FILING DATE: 07-JUN-1995
FILING DATE: 036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
              CLASSIFICATION: 536
PRIOR APPLICATION UMBER: U
                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 23-OCT-1992
                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/599,738A FILING DATE: 12-FEB-1996 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: GILEAD SCIENCES,
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity 93.8
nes 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER:
                                                                                                               CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          JONES, ROBERT J
GUTIERREZ, ARNOI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WAGNER, RICK MATTEUCCI, MARK
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14-NOV-1994
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                                                                                US 07/965,941
                US 08/338,352
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     29,959
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Pred. No. 7.66
0; Mismatches
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                                                                                                                                                                                                                                                                                                      Version #1.25
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; NAME/KBY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-15374 for SEQ 557,
US-09-422-978-4491
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                   Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                             SEQ ID NO 4491
LENGTH: 18
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Sequence 4491, Application US/09422978
Patent No. 6537751
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 25-AUG-
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 26-NOT CLASSIFICATION: 53
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                       1600 AGAAGGAGAAGATCCT 1615
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17
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Similarity 93.8%; Pred. No. 7.6e+02;
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                                                                       Conservative
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                                                                     Score 14.4; D
Pred. No. 7.6e
0; Mismatches
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                                                                                      DB 1;
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RESULT 599 US-09-422-978-6225/c ; Sequence 6225, Application US/09422978

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CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6225
LENGTH: 18
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                                                                                         Query Match
Best Local :
                                                                         Matches
                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.2
SEQ ID NO 10
LENGTH: 18
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/294,203
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 08/599,738
PRIOR FILING DATE: 1996-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers TITLE OF INVENTION: Containing Modified Pyrimidines FILE REFERENCE: GLIS0155
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                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Froehler, Brid
APPLICANT: Wagner, Rick
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TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
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APPLICANT: Blumenfeld,
                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                               OTHER INFORMATION: Synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: 1..18 TOTHER INFORMATION: upstream amplification primer 99-10201 for SEQ 2291.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 10/024,818
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                   276 CICITICICICICICI 291
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16
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                                                                                         Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mateucci, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gutierrez, Arnold J. Pudlo, Jeff
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Jones, Robert J.
                                                                       Conservative
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                                                                                       0.3%;
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Pred. No. 7.6e
0; Mismatches
                                                                                       Score 14.4; DB 1;
Pred. No. 7.6e+02;
                                                                       Mismatches
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.6e+02;
                                                                                                          DB 1;
                                                                                                      Length 18;
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                                                                       Indels
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Best Local Similarity
Watches 15; Conserve
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REFERENCE/DOCKET NUMBER: P41
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEPAX: 619-546-9392
INPORMATION FOR SEQ ID NO: 264:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 264, App
Patent No. 585176
                                                                                                                                                                                                              Patent No. 636879
                                                                                                                                                                                                                               Sequence 11,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
NUMBER OF INVENTED: 23

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

PANITCH SCHWARZE JACOBS & NADEL, P.C.

ADDRESSEE: PANITCH SCHWARZE, 2005 Market Street,
                                                                                             APPLICANT: Felix, Carolyn A.
APPLICANT: Jones, Douglas H.
APPLICANT: Rappaport, Eric
TITLE OF INVENTION: METHOD AND KITS FOR ANALYSIS OF
TITLE OF INVENTION: CHROMOSOMAL REARRANGEMENTS ASSOCIATED WITH LEUKEMIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: O1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Pretty, S
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444 South Flower Street,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/08117952
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                                                                                                                                                                                                                                                                                                                                                                                                         93.8%;
                                                                                                                                                                                                                                                                                                                                                                                                           0.3%; Score 14.4; DB 1;
93.8%; Pred. No. 8.4e+02;
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et, Suite 2000
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                                                                                                                                                                                                                                                                                                                                                                                                                            Length 19
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COUNTRY:

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                                                                                                    US-09-696-791-3460
                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Tritz, Richard
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION UNMBER: US/09/696,791
CURRENT APPLICATION UNMBER: 07.00-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 3460
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 831-494
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
0.3%; Score 14.4; DB 1; Length 19; Best Local Similarity 93.8%; Pred. No. 8.4e+02; Matches 15; Conservative 0; Mismarchec
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3460, Application US/09696791 Patent No. 6770633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                         ORGANISM: Homo sapiens
                                                                                                                                                                                     TYPE: DNA
                                                                                                                   OTHER INFORMATION: Cyclin B1 ribozyme binding site
                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/056,923
FILING DATE: 26-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/065,911
FILING DATE: 17-NOV-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/038,624
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 215-965-1284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Doyle Leary, Ph.D., Kathryn REGISTRATION NUMBER: 36,317 REFERENCE/DOCKET NUMBER: 7600-10UI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/026,033
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX:
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93.8%; Pred. No. 8.4e+02;
ative 0; Mismatches 1;
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US-08-578-649-12
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                                                                                                                                                                                                                                                                                     RESULT 605
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TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-578-649-12
GENERAL INFORMATION:
APPLICANT: Hansen, Torben
APPLICANT: Andersen, Carsten
APPLICANT: Andersen, Carsten
APPLICANT: Pedersen, Oluf B.
TITLE OF INVENTION: Mutant cDNA Encoding The p85alpha
TITLE OF INVENTION: Subunit Of Phosphatidylinositol 3-Kinase
FILE REFERENCE: 4802.200-08
CURRENT APPLICATION NUMBER: US/08/850,993
CURRENT FILING DATE: 1997-05-05
EARLIER APPLICATION NUMBER: 0539/96
                                                                                                                                                                                                                    Sequence 6, Application US/08850993 Patent No. 5955277
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 29-July-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P 43 24 247.2
FILING DATE: 20-July-1993
ATTORNEY/AGENT INFORMATION:
NAME: Andrew L. Tiajoloff
FILING DATE: 21 676
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (212) 688-9200
TELEPAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 12
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LENGTH: 20 base pairs
TYPE: nucleic acid
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OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,649
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: burk
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Ulrich Bogdan
APPLICANT: Reinhard Buttner
APPLICANT: Brigitte Kaluza
TITLE OF INVENTION: MELANOMA-INHIBITING PROTEIN
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 31,575
REFERENCE/DOCKET NUMBER: BOER 1035-PFF/ALT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
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                                                                                                                                                                                                                                                                                                                                                                                                                                   ch 0.3%; Score 14.4; DB 1; 1 Similarity 93.8%; Pred. No. 9.2e+02; 15; Conservative 0; Mismatches 1

    Application US/08578649
5770366

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US-09-034-205-8
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SEQ ID NO 48
LENGTH: 20
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Patent No. 6194149
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Best Local (
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 612413:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
FILE REFERENCE: RTS-0105
CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20
TYPE: DNA
ORGANISM: human
                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EARLIER FILING DATE: 1996-05-06
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                 NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                    TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                  COUNTRY:
                                                                                                                                                                  STREET: 220 Montgomery Street, Suite 2200 CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1148 CACACTGCTCTGCAAG 1163
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                                                                                                                                  USA
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Neri, Bruce P.
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93.8%;
US/09/034,205
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Pred. No. 9.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 14.4; DB 1;
Pred. No. 9.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
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Patent No. 6210880
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                     APPLICATION NUMBER: US/08/934
FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (415) 397-8338 INFORMATION FOR SEQ ID NO:
                                                                                                    TELEFAX: (415) 397-83.
INFORMATION FOR SEQ ID NO:
MOLECULE TYPE:
DESCRIPTION:
                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                        ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FOI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 220 Montgome
CITY: San Francisco
                                          STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                              TOPOLOGY:
                                                               TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
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                                                                            LENGTH:
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                                                       nucleic acid
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                                                                                                                           (415) 397-8338
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other nucleic acid
/desc = "DNA"
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Structure Probing With Structure-Bridging
Oligonuclectides.
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Pred. No. 9.2e+02;
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US-09-677-218B-8
                                                                                                                                         RESULT 610
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Best Local Similarity
Matches 15; Conserv
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NAME: Ingolia, Diane E.

REGISTRATION NUMBER: 40,027

REFERENCE/DOCKET NUMBER: FORS-02777

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 705-8410

TELEPHONE: (415) 397-838

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYDE. TILLIANCE
                                                          Sequence 8, Application US/09677218B Patent No. 6355437 GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Dong,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FOR PC COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/851,588
FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDIEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid TITLE OF INVENTION: Structure Probing
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TYPE: nucleic acid
STRANDEDNESS: single
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                  APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
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Pred. No. 9.2e+02;
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Pred. No. 9.2e+02;
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US-09-677-192-8
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                                                        SEQ ID NO 8
LENGTH: 20
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                                                                                                                                                                             FILE REFERENCE: FORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
CURRENT FILING DATE: 2000-10-02
                                                                                                                                                                                                                                                                            APPLICANT: Brow, Mary Ann APPLICANT: Fors, Lance APPLICANT: Neri, Bruce P.
                                                                                                                  PRIOR APPLICATION NUMBER: 09/
PRIOR FILING DATE: 1998-03-03
NUMBER OF SEQ ID NOS: 68
                                                                                                                                                                                                                                     TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING TITLE OF INVENTION: OLIGONUCLECTIDES
                                                                                                                                                                                                                                                                                                                                           APPLICANT:
TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFICATION: CUNKNOWN>
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 09/034,205
FILING DATE: CUNKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamzin T.
REGISTRATION UNMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEDHOME: //AFC.707
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear TOPOLOGY: linear MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA" SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, St
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3342 GACCAGCCGCCAAGG 3357
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Similarity 93.8%; Pred. No. 9.
15; Conservative 0; Mismatche
                                                                                                 PatentIn Ver. 2.0
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TYPE: nucleic acid
STRANDEDNESS: single
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RESULT 614
US-09-689-255C-44/c
; Sequence 44, Application US/09689255C
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; OTHER INFORMATION: AntiBense Oligonucleotide
US-09-702-251-51
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                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-09-689-255C-37
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                                                                                                                                                    Query Match
Best Local S
Matches 15
                                                                                                                                                                                                                                                                                                       SEQ ID NO 37
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 37, Application US/09689255C Patent No. 6395544 GENERAL INFORMATION:
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LENGTH: 20
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APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity
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Patent No. 6372492
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0171
CURRENT APPLICATION NUMBER: US/09/689,255C
CURRENT FILING DATE: 2000-10-11
                                                                                                                                                                                                                                                                                                                                      CURRENT FILING DATE: 2000-10-11
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/702,251
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
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TITLE OF INVENTION: ANTIS
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                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                         TYPE: DNA
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                                                                                                                                                                       Similarity
                                                                                      CGCGTGCTCATCCTCT 3
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                                                                                                                                                       Conservative
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                                                                                                                                                                   Score 14.4;
Pred. No. 9
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Pred. No. 9.2e+02;
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Pred. No. 9.2e+02;
0; Mismatches 1
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.2e+02;
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                                                                                                                                                                                                                                                                    RESULT 616
US-09-470-443-73/c
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US-09-702-327-36/c
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US-09-702-327-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) OTHER INFORMATION: Antisense Oligonucleotide US-09-689-255C-44
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SEQ ID NO 44
LENGTH: 20
TYPE
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LENGTH: 20
                                                                                                                                                                                                                                       Sequence 73, Application US/09470443 Patent No. 6441156
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Best Local Similarity
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                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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 APPLICANT: Wei, Ming-Hui
APPLICANT: Sekido, Yoshitaka
APPLICANT: Sekido, Yoshitaka
APPLICANT: Gao, Boning
APPLICANT: Duh, Fuh-Mei
TITLE OF INVENTION: Calcium Channel Compositions and
FILE REFERENCE: NIH-05043
CURRENT APPLICATION NUMBER: US/09/470,443
CURRENT FILING DATE: 1999-12-22
EARLIER APPLICATION NUMBER: 60/114,359
EARLIER FILING DATE: 1998-12-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: C. Frank Benne
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTIS
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF BCAS1 EXPRESSION
FILE REFERENCE: RTS-0171
CURRENT APPLICATION NUMBER: US/09/689,255C
CURRENT FILING DATE: 2000-10-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/702,327
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                  APPLICANT: Lerman, Michael I.
APPLICANT: Minna, John D.
APPLICANT: Latif, Farida
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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Pred. No. 9.2e+02;
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Pred. No. 9
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RESULT 617
US-09-746-694-12
; Sequence 12, Application US/09746694
; Patent No. 6451538
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                              Query Match
Best Local Similarity
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SOFTWARE: PACE
SEQ ID NO 73
FRIGTH: 20
                                                                                                                                                                                                    Sequence 39, Application US/09954560
PATENT NO. 6524854
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PKA REGULATORY SUBUNIT RII ALPHA EXPRESSI
FILE REFERENCE: RTS-0192
CURRENT APPLICATION NUMBER: US/09/954,560
CURRENT FILING DATE: 2001-09-11
NUMBER OF SEQ ID NOS: 49
                                                                                                                                                                               SEQ ID NO 39
LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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CURRENT FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 12
LENGTH: 20
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Matches 15: Conserv
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TITLE OF INVENTION: ANTISENSE MODULATION OF CHK2
FILE REFERENCE: RTS-0228
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SOFTWARE: PatentIn Ver. 2
                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                             PEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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ORGANISM: Artificial Sequence
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3366 CTGGGGCCCTGCAGGG 3381
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                                                          Score 14.4; DB 1; Pred. No. 9.2e+02;
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Pred. No. 9.2e+02;
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Pred. No. 9.2e+02;
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                                             Mismatches
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                                                                       Length 20;
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RESULT 620
US-09-705-267A-176
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US-09-422-978-9824/c
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                                                                                                                                                                                                APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: ANDREW T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 176
LENGTH: 20
TYPE: DNA
TYPE: DNA
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GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 176, Application Patent No. 6551826
                                                                     Matches
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Best Local Similarity 93.8%;
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SEQ ID NO 9824
LENGTH: 20
TYPE: DNA
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EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
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FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
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                                                                                        Local
                                  4209 GGGCCTAGCTTCTGTG 4224
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                                                                     15;
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Similarity 93.8%; Pred. No. 9.2e+02;
                                                                     Conservative
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Pred. No. 9.2e+02;
                                                                     Mismatches
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                                                                                                         DB 1;
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RESULT 621 US-09-198-452A-4351

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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4351
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US-09-144-428-41/c
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LENGTH: 20
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APPLICANT: Griffais, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 15;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: BAYER CORPORATION, The
APPLICANT: TAMBURINI, Paul P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnostring of infection and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/198,452A CURRENT FILING DATE: 1998-11-24
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                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/09/144,428
APPLICATION NUMBER: US/09/144,428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: DELARIA, Katherine A APPLICANT: MARLOR, Christopher W APPLICANT: MULLER, Daniel K TITLE OF INVENTION: HUMAN BIKUNIN NUMBER OF SEQUENCES: 71
                                                         FILING DATE: 14-JUN-1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/725,251

FILING DATE: 04-OCT-1996

ATTORNEY/AGENT INFORMATION:
NAME: CHAO, Mark
                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO P
FILING DATE: 10-MAR-1997
                                                                                                                                                                          PILING DATE: 11-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60
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APPLICATION NUMBER: 1
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ELECOMMUNICATION INFORMATION
                 NAME: CHAO, Mark
REGISTRATION NUMBER: 37,293
REFERENCE/DOCKET NUMBER: 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 S. Wacker Drive Suite 3200
CITY: CHICAGO
                                                                                                                                                                                                                                                                                    FILING DATE: 1
CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1620 AAGGAATATGTTTTTG 1635
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6583108
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                                                                                                                                                                                  US 60/019,793
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                   96,223-II
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Pred. No. 9.2e+02
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US-09-144-428-41
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                                                                                                                                                                                                                                              RESULT 624
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.0 SEQ ID NO 8 LENGTH: 20
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                        Sequence 8, Application Patent No. 6709819
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 15; Conserv
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Patent No. 670981
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APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILLING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
NUMBER OF SEQ ID NOS: 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
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                                                                                                                  APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
                                                                                                                                                                                                                                                                                                                                 3342 GACCAGCCGCCAAGG 3357
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3479 GTCAAGGCCCAGTGAC 3494
                                                                                       TITLE OF
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Neri, Bruce
Brow, Mary Ann
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                                                                                                                                                                                                            Application US/09825574
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                                                  INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
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                                                                                                        Neri,
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93.8%; Pred. No. 9.2e+
                                                                                                         Bruce P.
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9.2e+02;
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 8, Application US/09676768 Patent No. 6780585 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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Best Local Similarity
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APPLICATION NUMBER: 08/934,097
PILING DATE: «Unknown»
ATTORNBY/AGENT INFORMATION:
NAME: MacKnight, Kammin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELEPHONE: (415) 705-8410
TELEPHONE: (415) 397-8338
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-Oct-2000
                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                               Fors, Lance
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3342 GACCAGCCGCCCAAGG 3357
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APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 38
                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Dong,
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                                                                                                                                                                                                    CITY: San Francisco
STATE: CA
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
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COUNTRY: USA
                                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                    COUNTRY:
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Prudent, James R.
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                                                                                                                                                                                                                                     220 Montgomery Street, Suite 2200
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Pred. No. 9.2e+02;
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                                                                                                        RESULT 627
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                                              Sequence 6, Application US/08356405 Patent No. 5807691
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                                                                     Matches
                                                                                                                                                                                                                               SEQ ID NO 2
LENGTH: 20
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                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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Best Local (
                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/991,099B
CURRENT FILING DATE: 2001-11-21
PRIOR APPLICATION NUMBER: 60/252,661
PRIOR FILING DATE: 2000-11-22
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver: 2.0
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Edelmann, Winfried
APPLICANT: Cohen, Paula E
APPLICANT: Kneitz, Burkhard
APPLICANT: Stevis, Panos
APPLICANT: Kucherlapati, Raju S
APPLICANT: Kucherlapati, Raju S
TITLE OF INVENTION: WSH4 ABLATED MICE AND USES THEREFOR
FILE REFERENCE: AHN-010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Pollard, Jeffrey W
                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3342 GACCAGCCGCCAAGG 3357
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION
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                    556 CGGAGGAGCTGCTTTC 571
16 CGGAGCAGCTGCTTTC 1
                                                                   15;
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REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/851,588 FILING DATE: 05-May-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (415)
                                                                   Conservative
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                                                                                    0.3%; Score 14.4;
93.8%; Pred. No. 9
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Pred. No. 9.2e+02;
                                                                       Mismatches
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                                                                                                       Length 20;
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                                                                   Gaps
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GENERAL INFORMATION:
APPLICANT: Amlaik
APPLICANT: Bosche

Amlaiky, No. 5807691rdine Boschert, Ursula

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US-08-479-614-23/c
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                        Sequence 23, Application US/08479614 Patent No. 5861294
                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Cowart, Marlon Daniel, Halbert, Donald N.,
APPLICANT: Kerwin, Jr., James F., McNally, Teresa
TITLE OF INVENTION: Adenosine Kinase Polypeptides
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 01-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: SMICH, JULIE K
REGISTRATION NUMBER: 38,619
REFRENCE/DOCKET NUMBER: EX92
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610)454-3839
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR93/00650
FILING DATE: 29-JUN-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
             ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Polypeptides Having Serotonin Receptor TITLE OF INVENTION: Activity (5HT5A), Nucleic Acids Coding for These TITLE OF INVENTION: Polypeptides and Uses Thereof NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
ANTI-SENSE: N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 500 Arcola CITY: Collegeville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                   COUNTRY:
                                                                                                          CITY: Abbott Park
                                                                                                                      ADDRESSEE: Abbott Laboratories STREET: D-377 AP6D, 100 Abbott Park Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 19426-0107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
 COMPUTER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                nucleic acid
EDNESS: single
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                                                                                    Illinois
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Macintosh
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Pred. No. 16
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US-08-656-906-8/c
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Patent No. 5972901
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                                                       APPLICATION NUMBER: US/08/656,906
FILING DATE: 03-JUN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATE: 03-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: WO WO 95/25809
FILING DATE: 23-MAR-1995
PRIOR APPLICATION DATA:
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APPLICANT:
APPLICANT:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                      ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Thomas D. Brainard REGISTRATION NUMBER: 32,459 REGISTRATION NUMBER: 57-TELECOMMUNICATION INFORMATION: TELEPHONE: (708) 937-4884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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ADDRESSEE: Medlen & Carroll
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
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Local Similarity 93.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08 FILING DATE: June 7, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: Macintosh System 7.1
                       FILING DATE: 23-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                 CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
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                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                  United States Of America
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Ziady, Assem-Galal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                          Floppy disk
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                                            US 08/216,534
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Pred. No. 16
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                                                                                                                                                                                                                                                                    Version #1.30
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REGISTRATION NUMBER:

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Best Local Similarity
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                                                                                                TELEPHONE: (415) 705-84
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                APPLICATION NUMBER: US 08/216,534
FILING DATE: 23-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: CASE-022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Davis, Pamela B.
APPLICANT: Ziady, Assem-Galal
TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
TITLE OF INVENTION: Mediated Gene Transfer
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                               FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO WO
FILING DATE: 23-MAR-1995
   MOLECULE TY
                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ZIP: 94104
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                 ENGTH:
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                                              : 21 base pairs
 TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                220 Montgomery Street,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   United States Of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Medlen & Carroll
DNA (genomic)
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Pred. No. 1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Suite 2200
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CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 632
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US-09-563-269-24
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US-09-563-269-24
SEQ ID NO 768
LENGTH: 21
TYPE: DNA
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SOFTWARE: PatentIn Ve
SEQ ID NO 24
LENGTH: 21
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APPLICANT: I
APPLICANT: N
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                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
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APPLICANT: MALVAR, THOMAS M.
TITLE OF INVENTION: COLEOPTERAN-TOXIC POLYPEPTIDE COMPOSITIONS AND INSECT
TITLE OF INVENTION: RESISTANT TRANSGENIC PLANTS
FILE REFERENCE: MECC0164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                          APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLECTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
                                                                                                                                                                                                                                                                                                                                     APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/563,269
CURRENT FILING DATE: 2000-05-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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PEASE, ELIZABETH
                                                                                                                                                                                                                                                                                                                  Bolk, Stacey
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RUPAR, MARK J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/09563269
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APPLICANT: Daley, George Q.
APPLICANT: McCarchy, Jeanette J.
APPLICANT: McCarchy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/53,357
PRIOR APPLICATION NUMBER: US 60/230,947
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/220,724
PRIOR APPLICATION NUMBER: US 60/225,724
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CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Patent No. 6727063
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APPLICANT:
APPLICANT:
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
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APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825.1027-001
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Ireland, James S.
Bolk, Stacey
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                                      Windows Version 4.0
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Pred. No. 1e
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Pred. No. 1e+03;
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GENERAL INFORM
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STATE: COUNTRY: USA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
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APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE
TITLE OF INVENTION: DUPLEX DNA
NUMBER OF SEQUENCES: 158
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                                                                                                                                                                 ADDRESSEE: Morrison & Foerster STREET: 545 Middlefield Road, Suite CITY: Menlo Park
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APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR PILING DATE: 2000-08-16
PRIOR FILING DATE: 2000-08-16
                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1606
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US-09-657-472-1606, Application US/09657472
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; ORGANISM: Homo sapiens
US-09-657-472-1547
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LENGTH: 21
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
                                                                                         Query Match 0.3%;
Best Local Similarity 83.3%;
                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 2551
                                    3485 GCCCAGTGACCTGGGGAA 3502
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19 GCCCATTCRCCTGGGGAA 2
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                                                                                           Score 14.4; DB Pred. No. 1e+03
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Pred. No. 1e+03;
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RESULT 637
PCT-US91-03680-38
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                                                                                                                        Query Match
Best Local Similarity
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SEQUENCE CHARACTERISTICS
LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
TYPE: NUCLEIC ACID
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TELEPHONE: 415-327-7250
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LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 19910
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93.8%;
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/note= "N4,N4-ethanocytosine"
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/note= "5-methylcytosine"
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/note= "5-methylcytosine"
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/note= "5-methyl
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/note= "5-methyl
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/note= "5-methylcytosine"
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/note= "5-methylcytosine"
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                                                                                                                           Score 14.4; DB 1; Length 21; Pred. No. 1e+03;
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                                                                                                                Mismatches
                                                                                                              Indels
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                                                                                                              Gaps
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Sequence 38, Applicat GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENCTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDENNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Matteucci
APPLICANT: Krawczyk,
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                            FEATURE:
NAME/KEY:
LOCATION:
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NAME/KEY:
LOCATION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                FEATURE:
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                                                                                                              NAME/KEY:
LOCATION:
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LOCATION:
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OTHER INFORMATION:
OTHER INFORMATION:
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LOCATION:
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STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
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OTHER INFORMATION:
OTHER INFORMATION:
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REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 199105 CLASSIFICATION: 435
                                                                               OTHER INFORMATION:
                                                                                                                                                             OTHER INFORMATION: OTHER INFORMATION:
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TELEFAX: 415-327-2951
OTHER INFORMATION: OTHER INFORMATION:
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                                             NAME/KEY: modified_base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mod_base= OTHER
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/note= "5-methylcytosine"
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/note= "5-methylcytosine"
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/note= "5-methylcytosine"
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/note= "5-methylcytosine"
                                                                              /mod_base= OTHER
/note= "5-methyl
/mod_base= OTHER
/note= "5-methylcytosine"
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                                                                               "5-methylcytosine"
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PCT-US91-03680-39
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENCTH: 21 base ~ Type.
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Matteucci, Mark D.
APPLICANT: Krawczyk, Steven
                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
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                                                                                             EATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 545 Middlefield Road, Suite 200 CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                 LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
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OTHER INFORMATION: /modOTHER INFORMATION: /note
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OTHER INFORMATION:
OTHER INFORMATION:
                              OTHER INFORMATION: OTHER INFORMATION:
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                                                                                                                                        NAME/KEY: modified_base LOCATION: 2..4
                                                                                                                                                                                                                                                                                   TELEPHONE: 415-327-2951
                                                                                                                                                                                                                                                                                                                                           NAME: Murashige, Kate H. REGISTRATION NUMBER: 29, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: 199105
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   NAME/KEY:
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93.8%;
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                              /mod_base= OTHER
/note= "5-methyl
                                                                                                                        /mod_base= OTHER
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/note= "N4,N4-ethanocytosine"
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/note= "N4,N4-ethanocytosine"
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Pred. No. 1e+0
0; Mismatches
                              "5-methylcytosine"
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US-08-117-952-389/c
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION UNMBER: US/08/117,952
FILING DATE: 07-SEP-193
CILASSIFICATION DATA:
APPLICATION UNMBER: US 08/078,471
FILING DATE: 15-JUN-1993
                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PEATURE: modified_base
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OTHER INFORMATION: /noti
FEATURE: modified_base
                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
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                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                           STREET: 444 C.
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OTHER INFORMATION:
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OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
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OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
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LOCATION: 13
OTHER INFORMATION: /mod_
OTHER INFORMATION: /note
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LOCATION: 17
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444 South Flower Street,
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93.8%; Pred. No. 16
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/note= "5-methylcytosine"
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/note= "5-methylcytosine"
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/note= "5-methyl
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/note= "N4,N4-ethanocytosine"
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/note= "5-methylcytosine"
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et, Suite 2000
                                                                                                                        Version #1.25
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RESULT 640
US-08-332-562A-43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                              COMPUTER: IEM PC COMPATIBLE
COMPUTER: IEM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Veri
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/332,562A
FILING DATE: 31-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/896,457
FILING DATE: 27-MAY-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
HYPOTHETICAL: 1
ANTI-SENSE: NO
                                                                                                      NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 54
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Foley & I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 619-546-4737
                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                              TELEFAX: 128 SEC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 31, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
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STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH:
                              ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1556 GTCACAGAAATTTCTG 1571
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   19 GTCACAGAGATTTCTG 4
                                                                                                                                                                                                                                                                                                                                                                                        20007-5109
                                                                                                                                                                                                                                                                                                                                                                                                                                  Washington
nucleic acid
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Foley & Lardner
3000 K Street, N.W., Suite 500
                            22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HIBBS, Margaret L.
SCOTT, Bernadette M.
BONADONNA, Lisa
                                                                                           (202) 672-5399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HULETT, Mark D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MCKENZIE, Ian F.C. HOGARTH, Mark P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                619-546-9392
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Stephen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FC RECEPTOR FOR IMMUNOGLOBULIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        31, 192
                                                              43:
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                                                                                                                                        54270/119/GRHA
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Pred. No. 1.1e+03;
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                                                                                                                                                                                                                                                                                                             Version #1.30
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RESULT 642
US-08-469-260A-708
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US-08-332-562A-44/c
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                                                                                                                                                                                          US-08-332-562A-44
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                                                                                                                           Matches
                                                                                                                                          Query Match 0.3%; Score 14.4; Best Local Similarity 93.8%; Pred. No. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 44, Application US/08332562A
Patent No. 5985599
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 31-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 27-MAY-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/332,562A
FILING DATE: 31-OCT-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 54
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
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APPLICANT: HULETT, MARK D.
TITLE OF INVENTION: FC RECEPTOR FOR INMUNOGLOBULIN
NUMBER OF SEQUENCES: 136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 5000 CITY: Washington
                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                   TELEFAX:
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                                                                                                                                                                                                           TOPOLOGY:
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                                                                                                                                                                                                                                                       LENGTH:
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                                                                                            1313 GACAAGCCTGTTGTCA 1328
                                                                21 GACAAGCCTGCTGTCA
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                                                                                                                                                                                                                                                      22 base pairs
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3000 K Street, N.W., Suite 500
                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                      (202) 672-5399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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HIBBS, Margaret L.
SCOTT, Bernadette M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MCKENZIE, Ian F.C.
                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.3%; Score 14.4; DB 1; 93.8%; Pred. No. 1.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                US 07/896,457
                                                                                                                                                                                                                                                                                                                                                                                29,768
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                                                                                                                                                                                                                                                                                                                                                                    54270/119/GRHA
                                                                                                                             Mismatches
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                                                                                                                                          ; DB 1;
1.1e+03;
                                                                                                                                                         Length 22;
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Sequence 708, Application US/08469260A Patent No. 6451578

GENERAL INFORMATION:

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US-08-488-446-708
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Best Local S
Matches 15
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: GEORGE G. SCHLAUDER
APPLICANT: SURESH M. DESAI
APPLICANT: THOMAS P. LEARY
APPLICANT: ANTHONY SCOTT MUERHOFF
APPLICANT: JAMES C. ERKER
APPLICANT: JAMES C. ERKER
APPLICANT: SHERI L. BUIJK
APPLICANT: SHERI L. BUIJK
APPLICANT: SA K. MUSHAHWAR
TITLE OF INVENTION: REAGENTS AND METHODS FO
                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: JOHN N
                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Re-lease #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 708-937-6365
TELEFAX: 708-938-2623
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ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER:
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CORRESPONDENCE ADDRESS:
                                                                                                        APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: ABBOTT LABORATORIES D377/AP6D STREET: 100 ABBOTT PARK ROAD CITY: ABBOTT PARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: POREMBSKI, PRISCILLA E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5527.PC.01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/469,260A FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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             JOHN N. SIMONS
TAMI J. PILOT-MATIAS
GEORGE J. DAWSON
GEORGE G. SCHLAUDER
SURESH M. DESAI
THOMAS P. LEARY
ANTHONY SCOTT MUERHOFF
JAMES C. ERKER
SHERI L. BUIJK
SHERI L. BUIJK
SHERI L. BUIJK
                                                                                                                                                                                                                                  Application US/08488446
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GEORGE G. SCHLAUDER
SURESH M. DESAI
THOMAS P. LEARY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
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TAMI J. PILOT-MATIAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                   93.8%;
NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
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Pred. No. 1.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NON-D, NON-E HEPATITIS FOR THEIR USE
                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 22;
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                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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ATTORNEY/AGENT INFORMATION:
NAME: POREMBSKI, PRISCILLA E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5527.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-6365
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 708:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE TO SEQ ID NO: 708:
SEQUENCE TO SEQUEN
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US-08-467-344A-708
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GENERAL INFORMATION:
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OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENTIAN Release #1.0, Version #1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,446

FILING DATE:

CLASSIFICATION DATA:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/424,550

FILING DATE:

FILING DATE:

FILING DATE:

THEORYTEM

APPLICATION NUMBER: US/08/424,550
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE NUMBER OF SEQUENCES: 716
CORRESPONDENCE ADDRESS: ABBOTT LABORATORIES D377/AP6D
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES
STREET: 100 ABBOTT PARK ROAD
                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 716
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                                                                                                                                 STATE: IL
COUNTRY: USA
                                                                                                                                                                                                                 CITY: ABBOTT PARK
                                                                                                                                                                                                                                                                                                                                                                                                                      OF INVENTION: NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
REAGENTS AND METHODS FOR THEIR USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100 ABBOTT PARK ROAD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GEORGE G. SCHLAUDER
SURESH M. DESAI
THOMAS P. LEARY
ANTHONY SCOTT MUERHOFF
JAMES C. ERKER
SHERI L. BUIJK
SISA K. MUSHAHWAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GEORGE J. DAWSON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          JOHN N. SIMONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRISCILLA E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PILOT-MATIAS
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RESULT 646
US-08-424-550B-708
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; OTHER INFORMATION: Synthetically generated primer
US-09-418-710-20
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                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 06501-042001

CURRENT APPLICATION NUMBER: US/09/418,710

CURRENT FILING DATE: 1999-10-15

PRIOR APPLICATION NUMBER: PCT/JP98/01783

PRIOR FILING DATE: 1998-04-17

PRIOR APPLICATION NUMBER: JP 9/310027

PRIOR APPLICATION NUMBER: JP 9/310027

PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: JP 9/116570

PRIOR FILING DATE: 1997-04-18

NUMBER OF SEQ ID NOS: 73
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                                                                                                                                                                                                  Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 20, Application US/09418710 Patent No. 6596482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local
                                                                                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Jones, Michael H.
TITLE OF INVENTION: TRANSCRIPTIONAL REGULATOR
                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE:
                                                                                                                                                                                                                                                                                                                                            EQ ID NO 20
LENGTH: 22
                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 708:
                                                                                                                                                            Local Similarity hes 15; Conserv
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MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 708:
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APPLICATION NUMBER: 08/424,550
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,344A
FILING DATE: 07-Jun-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                       2805 GGAGAAAATGAAGAAG 2820
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 708-937-6365
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                                                                                                                                                                                                                                                                                                                                                                                       FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: <Unknown>
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                                                                                                                                                              Conservative
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                                                                                                                                                                                 Score 14.4; DB 1;
Pred. No. 1.1e+03;
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RESULT 044,
US-09-839-479-20/c
; Sequence 20, Application US/09839479
; Patent No. 6727222
; GENERAL INFORMATION:
APPLICANT: Jones, Michael H.
TITLE OF INVENTION: TRANSCRIPTIONAL REGULATOR
FILE REFERENCE: 06501-042002
; CURRENT APPLICATION NUMBER: US/09/839,479
; CURRENT FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: US 09/418,710
PRIOR PRILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: PCT/JP98/01783
; PRIOR TILING DATE: 1999-04-17
; PRIOR APPLICATION NUMBER: D71/JP98/01783
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 60064-3500

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: POREMESKI, PRISCILLA E.
REGISTRATION UNMERR: 33,207
REFERENCE/DOCKET NUMBER: 5527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 708-937-6365
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.3%;
1 Similarity 93.8%;
15; Conservation
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T: JAMES C. ERKER
T: SHERI L. BULJK
T: ISA K. MUSHAHWAR
TINVENTION: NON-A, NON-B. NON-C,
INVENTION: REAGENTS AND METHODS
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TAMI J. PILOT-MATIAS
GEORGE J. DAWSON
GEORGE G. SCHLAUDER
SURESH M. DESAI
THOMAS P. LEARY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/08424550B
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PILOT-MATIAS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PCT-US91-03680-156
                                                                                                                    PCT-US91-03680-156
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 20
                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 156, Application PC/TUS9103680 GENERAL INFORMATION:
                                                                                      Query Match
                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: MUTABHIGE, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEPAX: 415-327-2951
                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 25 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: JP 9/116570 PRIOR FILING DATE: 1997-04-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Matteucci, Mark D.
APPLICANT: Krawczyk, Steven:
TITLE OF INVENTION: SEQUENCE:
TITLE OF INVENTION: CROSSLINK:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 158
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: California
                                                                                                                                                         TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: 199105 CLASSIFICATION: 435
                                                                        Local
                                                                                                                                    TOPOLOGY: li
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                          2806 GAGAAAATGAAGAAGGAAGTGAGG 2829
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                                                                        Similarity
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                                                        Conservative
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93.8%;
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                                                                     0.3%;
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                                                                        Score 14.4; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1
                                                          Mismatches
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                                                                                     Length 25;
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                                                        0;
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RESULT 649

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US-07-988-430-95/c
                                                                                                                                                                                                                                                    Sequence 95, Apr---
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Best Local &
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (415) 398-324
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Smith, Karen S.
REGISTRATION NUMBER: 31,426
REFERENCE/DOCKET NUMBER: A-57
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
                                                                                                      APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Lane, Julie A.
APPLICANT: Lei, Shau-Ping
TITLE OF INVENTION: Materials Comprising and Methods of
TITLE OF INVENTION: Preparation and Use for Ribosome-Inactivating Proteins
                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Karen S. Smith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: DNA PURIFICATION BY TRIPLEX-AFFINITY TITLE OF INVENTION: CAPTURE AND AFFINITY CAPTURE ELECTROPHORESIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                         TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: 1..27
OTHER INFORMATION: /note= "BamTC oligonucleotide."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: UPFILING DATE: 19930114 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: 81
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
                                  ADDRESSEE: Marshall
ADDRESSEE: Bicknell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                           1593 GAAACAGAGAAGGAGAAGATCCTG 1616
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Similarity
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                                                                                                                                                                                                                                                                             Application US/07988430
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Street
                 Two First National Plaza, 20 South Clark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
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Smith, Cassandra L.
                                                                                                                                                                                                                     Bernhard, Susan L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Cantor, Charles R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CDNA
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Best Local Similarity
Matches 16; Conserva
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COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PALENTIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/988,430

FILING DATE: 19921209

CLASSIFICATION: 435

PRIOR APPLICATION UNUBER: US 07/901,707

FILING DATE: 19-UW1-1992

PRIOR APPLICATION NUMBER: US 07/787,567

FILING DATE: 04-NOV-1991

APPLICATION NUMBER: US 07/787,567

FILING DATE: 04-NOV-1991

APPLICATION NUMBER: 35302

REFERENCE/DOCKET NUMBER: 3133
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                    TITLE OF INVENTION: Detection of Human Papillomavirus by the TITLE OF INVENTION: Polymerase Chain Reaction NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS: ADDRESS: Hoffmann-La Roche Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: (312) 346-5750
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Bauer, Heidi M.
APPLICANT: Greer, Catherine E.
APPLICANT: Manos, Michele
                                                                                                                                                                                STREET: STREET: Nutley
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Resnick, Robert M. APPLICANT: Ting, Yi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (312) 984-9740
                                                                                                                                             STATE: New Jersey COUNTRY: U.S.A. ZIP: 07110
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: NUCLEIC ACID
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APPLICATION NUMBER: US/08/050,743
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                                                                                                                                                                                                                  340 Kingsland Street
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Pred. No. 9.2e+02;
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RESULT 652
US-08-127-954-19/c
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 19,
Patent No. 5
           Query Match 0.3%; Score 14.2; DB 1; Length 19; Best Local Similarity 84.2%; Pred. No. 9.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (510) 814-2977 INFORMATION FOR SEQ ID NO:
                                                                                                                                                           TELEFAX: (510) 814-2977 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 97
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 88
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                MOLECULE TYPE:
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STREET: J.
STREET: Nutley
New Jr
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Apple, Raymond J.
                                                                                             LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New Jersey COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
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16;
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Erlich, Henry A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                              DNA (genomic)
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173
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                                                                                                                                                                                                                                                                                                                                            US/08/127,954
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Pred. No. 9.2e+02;
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Indels
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US-08-474-542A-200
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                                                                                                                                                                                                 US-08-425-336-92/c
                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-474-542A-200
                                                                                                                                           Patent No. 5621083
GENERAL INFORMATION:
                                                                                                                                                             Sequence 92, Application US/08425336 Patent No. 5621083
                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 200, Application US/08474542A Patent No. 5527898
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Bauer,
APPLICANT: Gravitt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 200
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Manos, M. APPLICANT: Resnick, TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 92:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                     APPLICANT: Studnika, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribsome-Inactivating
TITLE OF INVENTION: Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: lir
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
                    CORRESPONDENCE
                                       NUMBER OF SEQUENCES:
                                                                                                         APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/474,542A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Nutley
                                                                                                                                                                                                                                                                                                           4868 CAAGGCCTGTGCCAGGTTC 4886
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Similarity 84.2%;
                                                                                                                                                                                                                                                                       CAAATCCTGTGCCAGGTAC 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Resnick, Robert M.
VENTION: Detection of Human Papillomavirus
VENTION: Polymerase Chain Reaction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gravitt, Patti E.
Greer, Catherine E.
Impraim, Chaka C.
                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
Marshall, O'Toole, Gerstein, Murray & Borun
                    ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                   DNA (genomic)
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Pred. No. 9
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                                                                                                                                                                                                                                                                                                                                                             9.2e+02;
                                                                                                                                                                                                                                                                                                                                                                               DB 1;
                                                                                                                                                                                                                                                                                                                                                                             Length 19;
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US-08-425-336-92
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                              ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen
APPLICANT: Studnika, Gary M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNE: Mayers, Thomas ...36,989
REGISTRATION NUMBER: P-36,989
REFERENCE/DOCKET NUMBER: 3139/
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION INFORMAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Rel
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                        CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local
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                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Marshall, O'Toole,
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US/08/425,336
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Pred. No. 9
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South Wacker Drive
                                                                       Version #1.25
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US-08-425-336-95
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Best Local :
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INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648
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NAME: Meyers, Thomas C.
REGISTRATION UMBER: P-36,989
REFERENCE/DOCKET NUMBER: 31394
TELECOMMUNICATION INFORMATION:
                                                ATTORNEY/AGENT INFORMATION:
NAME: PELTY, DOUGLAS A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 92
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LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
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APPLICATION NUMBER: 08/064,691
FILING DATE: 12-MAY-1993
APPLICATION NUMBER: US 07/901,707
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           y match
Local Similarity 84.2%;
hes 16; Conservative
                                                                                                                        FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                   CITY: Nutley
STATE: New Jersey
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                                                                                                                                                                                                                                                                                ZIP: 07110
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION
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563987J
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CANT: Bauer, Heidi M.
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                                                                                                                                                                                                                                                                                                                                                      340 Kingsland Street
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312/474-0448
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Greer, Catherine E.
                                                                                                                                                                                                                                                                                                                                                                        Hoffmann-La Roche Inc. -
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Pred. No. 9.2e+02;
0; Mismatches 3;
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                                                                                                                                Matches
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                                                                                                                                                                                           Query Match
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INFORMATION FOR SEQ ID NO: (
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/999,071
FILING DATE: 31-DEC-1992
CLASSIFICATION: 435
APPROBREY ASSESSMENT ASS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Tsevdos, Estelle J.
REGISTRATION NUMBER: 31145
REFERENCE/DOCKET NUMBER: 31
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 831-3241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
TITLE OF INVENTION: Receptor Agonists and Antagonists
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
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American Cyanamid Company
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APPLICANT: Karathanasis,
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TOPOLOGY: lin
                                                                                                                                                               Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH:
                                             3305 CTTGTCCCCTGACCAGCAG 3323
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CTTGACCCCTGCCCTGCAG 19
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84.2%; Pred. No. 9
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Pred. No. 9.2e+02;
                                                                                                                                Mismatches
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                                                                                                                                                            2; DB 1;
9.2e+02;
                                                                                                                                                                                           Length 19;
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NESULT 658 US-08-469-122-6 ; Sequence 6, Application US/08469122 ; Patent No. 5700650

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Best Local Similarity
Matches 16; Conserv
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Patent No. 5700682
GENERAL INFORMATION:
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FILING DATE:
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,071
APPLICATION NUMBER: US 07/999,071
FILING DATE: 31-DEC-1992
ATTORNEY/AGENT INFORMATION:
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APPLICANT: Karathanasis, Sotirios K.
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
TITLE OF INVENTION: Receptor Agonists and Antagonists
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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REGISTRATION NUMBER: 31145
REFERENCE/DOCKET NUMBER: 31941
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 831-3241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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LENGTH: 19 base pairs
                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
                                                                                                                                                                                                                                                         TITLE OF INVENTION: Mechanism-Based Screen for Retino TITLE OF INVENTION: Receptor Agonists and Antagonists NUMBER OF SEQUENCES: 19
                                                                                                                                                                                                                                                                                                             APPLICANT: Mak, Paul
APPLICANT: Karathanasis, Sotirios K.
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                                                                                                              COUNTRY: U. ZIP: 07470
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Pred. No. 9.2e+02;
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US-08-452-055-46
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INFORMATION FOR SEQ ID NO: 40
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
TYPE: nucleic seid
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 46,
                                                                                             SOFTWARE: Patentin Release #1.0, Ve CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/452,055 FILING DATE: CLASSIFICATION: 536 ATTORNEY/AGENT INFORMATION: NAME: Sias, Stacey R. REGISTRATION NUMBER: 32,630 REGISTRATION NUMBER: 9188 TELECOMMUNICATION INFORMATION: TELEFAX: (510) 814-2863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Greer, Catherine E.
APPLICANT: Manos, Michele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (201) 831-324
TELEPAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: (
SEQUENCE CHARACTERISTICS:
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FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of COMPUTER: IBM PC comp
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ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Resnick, Robert M.
APPLICANT: Ting, Yi
TITLE OF INVENTION: Detection of Human Papillomavirus by
TITLE OF INVENTION: Polymerase Chain Reaction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 31-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Tsevdos, Estelle J
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 831-3241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STATE: New Je
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ZIP: 07110
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84.2%; Pred. No. 9
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US-08-469-120-6
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                                                                         US-08-488-113B-92/c
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                                            Sequence 92, Application US/08488113B Patent No. 5744580
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen
                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (201) 831-
TELEFAX: (201) 831-33
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                       NAME: Tsevdos, Estelle J.
REGISTRATION NUMBER: 31145
REFERENCE/DOCKET NUMBER: 31.
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US 0
FILING DATE: 31-DEC-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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APPLICANT: Karathanasis, Sotirios K.
                                                                                                                                                                                                                                                                                     STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DDRESSEE:
                                                                                                                                                            3305
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                                                                                                                                                           CTTGTCCCCTGACCAGCAG 3323
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                                                                                                                                                                                         Conservative
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Receptor Agonists and Antagonists
19
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    73
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Pred. No. 9.2e+02
0; Mismatches
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Pred. No. 9.2e+02;
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                                                                                                                                             US-08-477-484B-92/c
                                                                                                                                                            RESULT 663
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                                                                                                  Patent No. 5756699
GENERAL INFORMATION:
                                                                                                                                Sequence 92,
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APPLICATION NUMBER: US/08/488,113B
FILING DATE: 07-JUN-1995
CLASSIFICATION: -530
PRIOR APPLICATION DATA:
APPLICATION UMBER: US 08/425,336
FILING DATE: 18-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION DATA: 12-MAY-1993
PRIOR APPLICATION DATA: 12-MAY-1993
PRIOR APPLICATION NUMBER: US 07/988,430
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INFORMATION FOR SEQ ID NO:
                                  APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Studnika, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
TITLE OF INVENTION: Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 19-JUN-
FILING DATE: 19-JUN-
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
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FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/901,707
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ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM: PC-DOS/MS-DOS
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REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: McNicholas, Janet M
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84.2%; Pred. No. 9.20
ative 0; Mismatches
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; Sequence 66, Application US/08472788A
; Patent No. 5770196
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Best Local Similarity
                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Studnicka, Gary M.
TITLE OF INVENTION: Modified Antibody Variable Domains
NUMBER OF SEQUENCES: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION:
FILING DATE: 04-NOV-111
ATTORNEY/AGENT INFORMATION:
NAME: MCNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 11022US07/200-70.P3.C2A
TELECOMUNICATION INFORMATION:
TRIEDOMUNICATION INFORMATION:
TRIEDOMUNICATION INFORMATION:
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NFORMATION FOR SEQ ID NO:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: STREET: Chicago CITY: Chicago Illinois
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APPLICATION NUMBER: US/08/477,484B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 08/064,691 FILING DATE: 12-MAY-1993 PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 08/425,336
FILING DATE: 18-APR-1995
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                          CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                    COUNTRY: USA
ZIP: 20005-3934
                                                                                              CITY: Washington
                                                                                                                ADDRESSEE: Sterne, Kessler, Goldstein and Fox P.L.L.C
STREET: 1100 New York Ave., N.W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/988,430 FILING DATE: 09-DEC-1992
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STREET: 500 West Madison Street, 34th floor
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Pred. No. 9.2e+02;
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        COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: PATENTIN PATA:
APPLICATION NUMBER: US/08/646,360
FILING DATE: 13-MAY-1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05348
FILING DATE: 12-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 92, Application US/08646360 Patent No. 5837491
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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FILING DATE: 14-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
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PRIOR APPLICATION NUMBER:
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ADDRESSEE: McAndrews
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 202/371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 13-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Cimbala, Michele A
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                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 60661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Cimbala, Michele A. REGISTRATION NUMBER: 33,8
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: Illinois
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Carroll, Stephen F.
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Pred. No. 9.2e+02;
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -08-082-842A-66/c
                                                  FILING DATE: 14-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/6
FILING DATE: 13-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Cimbala, Michele A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                  CURRENT AFFIXATION NUMBER: US/08/08/082.072...
FILING DATE: 23-JUN-1993
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: PCT/US92/10906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: MCNICHOLAB, Janet M.
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 0610.1000002
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                 SOFTWARE: Patentin Rel
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatil
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REFERENCE/DOCKET NUMBER: 200-70.P4
TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION DATA:
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                                                                                                                                            APPLICATION NUMBER: FILING DATE: 14-DEG
                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                               STATE: D.C
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                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Washington
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o. 5869619
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312/707-9155
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12-MAY-1993
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Modified Antibody Variable Domains
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Pred. No. 9.2e+02;
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US-08-677-734A-3
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Patent No. 5871919
                                                        Query Match
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                                             Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 19 base pairs
                                                                                                                                                                            TELEFAX: (202) 408-440 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                 REGISTRATION NUMBER: 32,984
REFERENCE/DOCKET NUMBER: 05
TELECOMMUNICATION INFORMATION:
                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
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TITLE OF INVENTION: Funct
TITLE OF INVENTION: NHE3.
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                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
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                                                                                                                     TOPOLOGY: 111
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                                                                                                                                                              LENGTH:
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   1730 CATCGGCACCTGGAACATG 1748
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Similarity 84.2%;
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                              Conservative
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                                            0.3%; Score 14.2;
84.2%; Pred. No. 9
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                              0; Mismatches
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Pred. No. 9
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                                                                                                          GENERAL INFORMATION:
APPLICANT: Lau, Allan S.
APPLICANT: Yeung, Michael C.
TITLE OF INVENTION: ENHANCEMENT OF CANCER CELL DEATH
FILE REFERENCE: UCAL-248/01US
CURRENT APPLICATION NUMBER: US/08/883,698
CURRENT FILING DATE: 1997-06-27
EARLIER APPLICATION NUMBER: 60/020,849
EARLIER FILING DATE: 1996-06-28
NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 4382
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 638-6245
TELEFAX: (650) 638-6071
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                     SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 9
LENGTH: 19
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Best Local (
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APPLICANT: Aoyagi et al.
TYPE: DNA
ORGANISM: Homo sapiens
-08-883-698-9
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APPLICATION NUMBER: TO BE
FILING DATE: March 26, 19
ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US/09/048,880
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MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
OPERATING SYSTEM: DO
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CORRESPONDENCE ADDRESS:
ADDRESSEE: The Perkin-Elmer Corporation
STREET: 850 Lincoln Centre Drive
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TITLE OF INVENTION: METHODS FOR EXOGENOUS, INTERNAL CU
TITLE OF INVENTION: DURING NUCLEIC ACID AMPLIFICATION
NUMBER OF SEQUENCES: 16
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STRANDEDNESS: single
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Pred. No. 9.
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APPLICANT: Yeung, Michael C.

APPLICANT: Yeung, Michael C.

TITLE OF INVENTION: ENHANCEMENT OF CANCER CELL DEATH

FILE REFERENCE: UCAL-248/01US

CURRENT APPLICATION NUMBER: US/08/883,698

CURRENT FILING DATE: 1997-06-27

EARLIER FILING DATE: 1996-06-28

NUMBER OF SEQ ID NOS: 10

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 10

LENGTH: 19

LENGTH: 19
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US-08-839-765-92/c
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Best Local Similarity 84.3
Matches 16; Conservative
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              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: Patentin Release #1.0, Vei
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/839,765
FILING DATE: 15-APR-1997
CLASSIFICATION EATA:
APPLICATION UNMBER: US 08/425,336
FILING DATE: 18-APR-1995
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/064,691
APPLICATION NUMBER: US 08/064,691
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                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen F.
APPLICANT: Studnika Garry
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Studnika, Gary M. TITLE OF INVENTION: Immunotox TITLE OF INVENTION: Proteins
                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                     CITY: Chicago
STATE: Illinois
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Local Similarity 84.2%;
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5976800
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                                                                                                                                                                                                                                                                                      USA
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MBER: US 08/064,691
12-MAY-1993
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Pred. No. 9.2e+02;
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Pred. No. 9.2e+02;
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RESULT 672
US-09-136-389-92/c
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA;
                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/64
FILING DATE: 13-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
FILING DATE: 12-MAY-
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE: 09-DEC-
                                                            APPLICATION NUMBER: PCT/UFFILING DATE: 12-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Carroll, Stephen F. APPLICANT: Studnika, Gary M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                 CITY: Chicago
STATE: Illinois
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 11022US09/200-70.P3.C3
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FILING DATE: 09-DEC-1992
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312/707-9155
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                                                12-MAY-1993
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                                                               US 08/064,691
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Pred. No. 9.2e+02;
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US-09-102-491-5/c
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                                     RESULT 674
US-09-300-672-16/c
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 19
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TELEFAX: 312/707-9155
TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
Sequence 16, Application US/09300672
Patent No. 6248937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Altaba, Ariel Ruizi
APPLICANT: Altaba, Ariel Ruizi
TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA
FILE REFERENCE: 1049-1-008N
                                                                                                                                                                         Matches
                                                                                                                                                                                                        Query Match
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CURRENT FILING DATE: 1998-66-22
EARLIER APPLICATION NUMBER: 60/050,286
EARLIER FILING DATE: 1997-06-20
                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                               TYPE: DNA
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
FILING DATE: 04-NOV-1991
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: McNicholas, Janet M. REGISTRATION NUMBER: 32,918
                                                                                                                                       1886 GGAGTGGCTGGAGATCCTC 1904
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il Similarity 84.2%;
16; Conservation
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Pred. No. 9.2e+02
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Pred. No. 9.2e+02
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                                                                                                                                                                                                             DB 1;
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GENERAL INFORMATION:
APPLICANT: Finkelsteir
APPLICANT: Lynch, Tim
APPLICANT: Goodman, Ho

Finkelstein, Ruth R

PPLICANT: Goodman, Howard M. PPLICANT: Wang, Ming-Li

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GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Bugueleret, Lydie
ITITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENEET.18CP1CP
CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER APPLICATION NUMBER: 08/99,658
EARLIER FILING DATE: 1997-12-22
EARLIER FILING DATE: 1998-09-09
EARLIER FILING DATE: 1998-09-09
EARLIER FILING DATE: 1998-12-22
                  ; Sequence 435, Application US/09; Patent No. 6346381; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel; APPLICANT: Blumenfeld, Marta; APPLICANT: Ilya, Chumakov
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                                                                                                                                                                                                                                                                                                                                                                          ; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-38-63.misl
US-09-338-907-435
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                                                                                                                                     US-09-218-207-435
                                                                                                                                                          RESULT 676
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TITLE OF INVENTION: QUALITY AND COLD-TOLERANCE
FILE REFERENCE: 480.89(HV)
CURRENT APPLICATION NUMBER: US/09/300,672
CURRENT FILING DATE: 1999-04-27
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 16
LENGTH: 19
                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local (
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SOFTWARE: Patent.pm
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ORGANISM: Artificial Sequence
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ORGANISM: Homo Sapiens
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16; Conserv
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Bougueleret, Lydie
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                                                                                                                   Application US/09218207
                                                                                                                                                                                                                                                                                               Conservative
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Pred. No. 9.2e+02
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Pred. No. 9.2e+02;
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CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER PPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ 1D NOS: 578
SOFTWARE: Patent.pm
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Best Local Similarity
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/610,838
FILING DATE: 06-JUL-2000
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Better, Marc D.
APPLICANT: Carroll, Stephen |
APPLICANT: Studnika, Gary M.
            APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/901,707
FILING DATE: 10.007/901,707
                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/
EILING DATE: 18-AUG-1998
APPLICATION NUMBER: 08/646
FILING DATE: 13-MAY-1996
APPLICATION NUMBER: PCT/US
APPLICATION NUMBER: PCT/US
FILING DATE: 12-MAY-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Prostate cancer gene FILE REFERENCE: GENSET.018CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-38-63.misl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
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STATE: Illinois
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500 West Madison Street, 34th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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MBER: US 07/901,707
19-JUN-1992
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Pred. No. 9.
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US 07/787,567

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RESULT 678
US-09-097-053-3
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                        TELEFAX: (202) 408-440
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                         CLASSIFICATION:
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 08/677,734
                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC COMPONS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Tse, Chung-Ming, TITLE OF INVENTION: Cloning, TITLE OF INVENTION: Functiona TITLE OF INVENTION: NHE3.

NUMBER OF SEQUENCES: 12
                                                                                                             NAME: FOOTIS, Jean B.
REGISTRATION NUMBER: 32,984
REFERENCE POCKET NUMBER: 05:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                              APPLICATION NUMBER: US 0. FILING DATE: 10-JUL-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA
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                                                                                               TELEPHONE:
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STRANDEDNESS:
                                                                                                                                                                                                                                                                       FILING DATE:
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                            ENGTH:
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          ; 19 base pairs nucleic acid
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312/707-9155
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Pred. No. 9.2e+02;
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TOPOLOGY:

MOLECULE TYPE
US-09-097-053-3
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; Sequence 7014, Application US/09422978
; Patent No. 6537751
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CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                             CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-14-21
EARLIER FILING DATE: 1998-04-21
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Best Local S
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SEQ ID NO 8508
LENGTH: 19
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GENERAL INFORMATION:
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LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers
FILE REFERENCE: GENSET.020CP1
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APPLICANT: Blumenfeld,
                                                                    NUMBER OF SEQ
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TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 11796
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NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-22375 for SEQ 3080,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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16; Conserv
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                                                                       ID NOS:
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Pred. No. 9.2e+02
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RESULT 681
US-09-711-485-92/c
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                                                                                  TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/901,707
APPLICATION UNMBER: US 07/901,707
FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/787,567
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: primer_bind
LOCATION: 1..19
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                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US. 08/064,691
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                             SEQUENCE CHARACTERISTICS LENGTH: 19 base pairs TYPE: nucleic acid
                                                                                                                                     REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 11022US09/200-70.F3.C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Studnika
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                      FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 500 West
CITY: Chicago
STATE: Illinois
TOPOLOGY:
            STRANDEDNESS:
                                                                                                                   TELEFAX:
                                                                                                                                                                                        REGISTRATION NUMBER:
                                                                                                                                                                                                       NAME: McNicholas, Janet M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
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16; Conserv
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                                                                                                                     312/707-9155
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Pred. No. 9.
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APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Aci
TITLE OF INVENTION: Thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 215
LENGTH: 19
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                                                                   ; OTHER INFORMATION: based on Homo sapiens US-09-672-717-215
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CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 190
Query Match
Best Local Similarity
Matches 16; Conserv
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Sequence 215, Ap
Sequence 215, Ap
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Best Local 9
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APPLICANT: Holoik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: Thereof
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Korneluk, Robert G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Korneluk, APPLICANT: LaCasse,
                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                    TYPE: DNA
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Conservative (
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84.2%; Pred. No. 9.20
Live 0; Mismatches
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Pred. No. 9
Score 14.2; DB 1;
Pred. No. 9.2e+02;
0; Mismatches
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                                  DB 1;
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                               Length 19;
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CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FRASESEQ for Windows Version 4.0
SEQ ID NO 502
LENGTH: 19
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US-09-698-295-5
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Matches
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APPLICANT: JONES, Michael H.
TITLE OF INVENTION: TRANSCRIPTIONAL REGULATORY FACTOR
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SEQ ID NO 5
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                                                                                                           Query Match
                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
-09-544-398B-502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6770461
GENERAL INFORMATION:
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CURRENT FILING DATE: 2000-10-27
PRIOR APPLICATION NUMBER: PCT/JP99/02340
PRIOR FILING DATE: 1999-04-30
PRIOR APPLICATION NUMBER: JAPAN 10/137631
PRIOR FILING DATE: 1998-04-30
PRIOR FILING DATE: 1998-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Carulli, John P. APPLICANT: Little, Randall
                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 032796-013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 06501-068001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                      Local Similarity nes 16; Conserv
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                                 CAAACGAGAATCCCCGAGC 964
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Pred. No. 9.2e+02;
                                                                    Score 14.2; DB 1;
Pred. No. 9.2e+02;
D; Mismatches 3;
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; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin E ribozyme binding site
US-09-696-791-2170
                                                                                                                          RESULT 688
US-09-696-791-3761
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                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Cyclin H ribozyme binding site US-09-696-791-2790
                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Pat
SEQ ID NO 2790
LENGTH: 19
TYPE: DNA
                                                                    Sequence 3761, Application US/09696791 Patent No. 6770633 GENERAL INFORMATION:
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Patent No. 6770633
GENERAL INFORMATION:
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APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
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APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
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al Similarity 84.2%;
16; Conservation
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Pred. No. 9.2e+02
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Pred. No. 9.2e+02
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                                                                        CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3838
LENGTH: 19
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Best Local (
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SOFTWARE: PatentIn Ve
SEQ ID NO 3836
LENGTH: 19
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Best Local Similarity
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SOFTWARE: PATENTIN VET. 2.
SEQ ID NO 3761
LENGTH: 19
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                                                                                                                                                                                                                                                                                                   Patent No.
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION. SKIN AND EYE DISEASES
                                                                                                                                                                                                   APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                                      FILE REFERENCE:
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CURRENT APPLICATION NUMBER: US/0
CURRENT FILING DATE: 2000-10-25
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                                    ORGANISM: Homo sapiens
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INFORMATION: Cdc25 hs ribozyme binding site
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Pred. No. 9.
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Pred. No. 9.2e+02
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PCT-US92-09487-95/c
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PRIOR APPLICATION NUMBER: US/09/601,326
CURRENT FILING DATE: 2000-09-25
PRIOR APPLICATION NUMBER: PCT/US99/02630
PRIOR FILING DATE: 1999-04-19
PRIOR APPLICATION NUMBER: US 09/019,793
PRIOR FILING DATE: 1998-02-06
PRIOR APPLICATION NUMBER: US 08/478,316
PRIOR FILING DATE: 1998-02-06
PRIOR FILING DATE: 1995-06-07
PRIOR PRICING DATE: 1994-09-01
PRIOR PRICING DATE: 1994-09-01
PRIOR APPLICATION NUMBER: US 08/31,625
PRIOR APPLICATION NUMBER: US 07/969,071
PRIOR FILING DATE: 1993-10-30
PRIOR FILING DATE: 1993-10-30
PRIOR FILING DATE: 1993-10-30
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SEQ ID NO 53
LENGTH: 19
                                                                                                                                                                                                                                                                                                             Sequence 95, Application PC/TUS9209487 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                        NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                           APPLICANT: Lane, Julie A.
APPLICANT: Lei, Shau-Ping
APPLICANT: In Shau-Ping
APPLICANT: Lei, Shau-Ping
APPLICANT: Lei, Shau-Ping
Antific OF INVENTION: Materials Comprising and Methods of
TITLE OF INVENTION: Preparation and Use for Ribosome-Inactivating Proteins
                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                    STREET:
                                                            ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & ADDRESSEE: Bicknell
CITY:
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                    Street
                                         Two First
                                                                                                                                                                                                                                     Better, Marc D.
Carroll, Stephen F.
                                                                                                                                                                                                                                                                                      Bernhard, Susan L.
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                                       National Plaza,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 19
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Pred. No. 9.2e+02;
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Pred. No. 9.2e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                       20 South Clark
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
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PCT-US92-09487-95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 34, Application US/07696793A Patent No. 5220004
                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.5
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/696,793A
PILING DATE: 19910507
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.3%; Score 14.2; DB 1; Best Local Similarity 84.2%; Pred. No. 9.2e+02; Matches 16; Conservative 0; Mismatches 3
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FILING DATE: 19-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/787,56:
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: NOLAND, Greta E.
REGISTRATION NUMBER: 35302
REFERENCE/DOCKET NUMBER: 31133
TELECOMMUNICATION INFORMATION:
TELEPAX: (312) 346-5750
TELEPAX: (312) 384-9740
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION WIMBER: PCT/US92/09487
FILING DATE: 19921104
                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Saiki, Randall K.
APPLICANT: Nasarabadi, Shanavaz L.
TITLE OF INVENTION: Methods and Reagents for G Gamma Globin
TITLE OF INVENTION: Typing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
07/901,707
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MEDIUM TYPE: Floppy
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                           STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: NUCLEIC ACID
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                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
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: California
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1400 Fifty-Third Street
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; MOLECULE TYPE: Other nucleic acid US-07-977-694-34
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Query Match 0.3%; Score 14.2; DB Best Local Similarity 84.2%; Pred. No. 1e+03; Matches 16; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 34,
                                                                                                                                                                  TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Saiki, Randall K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (415) 658-523 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME:
                                                                                                                                                                                                                                                                                                                                                                           SOPTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/C
PILING DATE: 19921117
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                          NAME: Stacey R. Sias, Ph.D.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 8733
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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REFERENCE/DOCKET NUMBER: 25
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 420-3444
                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Saiki, Randall K.
APPLICANT: Nasarabadi, Shanavaz L.
TITLE OF INVENTION: Methods and Reagents for G Gamma Globin
TITLE OF INVENTION: Typing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
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ADDRESSEE: Hoffmann-
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                                                                                                           LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single stranded
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                        NAME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: New Jersey COUNTRY: U.S.A. ZIP: 07110-1199
                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: Apple Macintosh OPERATING SYSTEM: Macinto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Nutley
STATE: New Jo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                340 Kingsland
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O Kingsland Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3.50 inch, 800 Kb storage
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                                     DB 1; Length 20;
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   Indels
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RESULT 696
US-08-009-263C-81/c
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US-08-009-263C-16
                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-009-263C-16
                                                                        Sequence 81, Application US/08009263C
Patent No. 5442049
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
TITLE OF INVENTION: Oligonuclectides for Modulating the
TITLE OF INVENTION: Effects of Cytomegalovirus Infections
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE DOCKET NUMBER: 1818
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local (
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GENERAL INFORMATION:
APPLICANT: Kevin Anderson, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: D
HYPOTHETICAL: NO
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 927,506
FILING DATE: No. 5442049ember 19,
ATTORNEY/AGENT INFORMATION:
                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Oligonucleotides for Module TITLE OF INVENTION: Effects of Cytomegalovirus
                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/009,263C FILING DATE: January 25, 1993 CLASSIFICATION: 514
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OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5442049ris
STREET: One Liberty Place -- 46th floo
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16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
Woodcock Washburn Kurtz
Mackiewicz & No. 5442049ris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                0.3%;
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                                                                                                                                                                                                                                                                                                                                              0,
                                                                                                                                                                                                                                                                                                                                              Score 14.2; DB
Pred. No. 1e+03;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1992
                                                                                                                                                                                                                                                                                                                                                                                DB 1; Length 20,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STORAGE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 697
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 5, Application US/08369043
Patent NO. 5491064
GENERAL INFORMATION:
APPLICANT: Lichy, Jack H
APPLICANT: Howley, Peter M
TITLE OF INVENTION: HTS1-Gene, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/009,263C
FILING DATE: January 25, 1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 927,506
FILING DATE: NO. 5442049ember 19, 1992
FILING DATE: NO. 5442049ember 19, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SIS-0844
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 81
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/369,043
                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CITY: Philadelphia
STATE: PA
**CA
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FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                         STATE: C
                                                                                                                                                                                                                                                                                         STREET: 1 Market Place CITY: San Francisco
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OPERATING SYSTEM: PC-D
SOFTWARE: WORDPERFECT
                                                                                            FILING DATE:
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                                                                                                                                                                                                                                          ZIP: 94105
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                                       APPLICATION NUMBER:
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84.2%; Pred. No. 16
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                                       US/07/916,762
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US-08-222-177A-254/c
                                                 US-08-222-177A-254
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SEQUENCE CHARACTERISTICS:
FRIGHT: 20 base pairs
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                               NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKT NUMBER: 09
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                              IMMEDIATE SOURCE: mfd71p1
                                                                                                MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                   TOPOLOGY:
                                                                                                                               STRANDEDNESS:
                                                                                                                                              TYPE: nucleic acid
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8000 Excelsior Drive, Suite 401
                                                                                                                                                                20 base pairs
                                                                                                                                                                                                                                 (608) 831-2106
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84.2%;
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Pred. No. 1e+03;
Score 14.2; DB 1;
Pred. No. 1e+03;
             Length 20
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                                US-08-178-660-8
                                              RESULT 700
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Sequence 8, Application US/08178660 Patent No. 5627277
                                                                                                                                                      Matches
                                                                                                                                                                                   Query Match
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                                                                                                                                                                     Best Local
                                                                                                                                                                                                                                                                                                                                        TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                     ATTOKNOL.

NAME: Licata, Jane ...

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISIS

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION 1568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & ADDRESSEE: No. 5591720ris
STREET: One Liberty Place -- 46th floor
                                                                                                                                                                                                                                ANTI-SENSE:
                                                                                                                                                                                                                                              HYPOTHETICAL:
                                                                                                                                                                                                                                                             MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Anderson, Kevin P.
APPLICANT: Draper, Kenmeth G.
TITLE OF INVENTION: Oligonuclectides for Modulating
TITLE OF INVENTION: the Effects of Cytomegalovirus Infections
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: 199211 CLASSIFICATION: 51
                                                                                                                                                                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                          TYPE: NUCLEIC ACID
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Pred. No. 1
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GENERAL INFORMATION: APPLICANT: Cohen,

Cohen, Aharon S.

APPLICANT: Bourque, Andre APPLICANT: Vilenchik, Maria

TITLE OF INVENTION: TITLE OF INVENTION: NUMBER OF SEQUENCES:

Method for Analyzing Oligonucleotide Analogs

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ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/330-1300
TELEPAX: 617/330-1311
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 14, Application US/08290936
Patent No. 5656743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00754
FILING DATE: January 27, 1993
APPLICATION NUMBER: 07/841,660
                                                                                                                                                     COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/178,660
                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb stor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Busch et al.
TITLE OF INVENTION: OLIGONUCLEOTID
TITLE OF INVENTION: OF CELL GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: HYPOTHETICAL:
                                                                                                            APPLICATION NUMBER: US/08/290,936 FILING DATE: No. 5656743ember 18,
                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                STREET: One Liberty Place - 46th Floor CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Woodcock Washburr
ADDRESSEE: Mackiewicz & No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
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CLASSIFICATION:
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Mackiewicz & No. 5656743ris
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February 19, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OLIGONUCLEOTIDE MODULATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 14.2; DB 1; Length 20; Pred. No. 1e+03;
                                                                                                                  1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
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; ANTI-SENSE: US-08-487-1418-74
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 74, Application US/08487141B
                                                                                                                                                                                         CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180

FILING DATE: 12-JUL-1994

ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
                                                                                                                         TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION: APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                              TOPOLOGY: not remotecute Type: DNA
             MOLECULE NUMBER YES
                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Therapeutic Oligonuclectides
                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/OFILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 1001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     y Match 0.3%;
Local Similarity 84.2%;
                                                                             LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                             TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: John W. Caldwell REGISTRATION NUMBER: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           920 CTGTGAGGCCAAGGAGGTT 938
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
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                                                              SS: single
not_relevant
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      yes
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                                                DNA (genomic)
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Pred. No. 1e+03;
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Best Local Similarity

0.3%;

Score 14.2; DB 1; Pred. No. 1e+03;

Query Match

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Matches

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US-08-089-996-37
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                                                                                                                    Sequence 37, Application US/08089996 Patent No. 5703054
                                                                                                                                                                                                                                                                                                         Query Match
Best Local s
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 6308;
REFERENCE/DOCKET NUMBER: 6308;
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4104
TELEFAX: (215)563-4044
TELEFAX: (215)563-4044
                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 08/37
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                               APPLICANT: Nicholas Dean, C. Frank Bennett TITLE OF INVENTION: Oligonucleotide Modula TITLE OF INVENTION: Kinase C
                                                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL: N
ANTI-SENSE: YES
                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Therapeutic Oligonucleotides TITLE OF INVENTION: Targeting the Human MDR1 and NUMBER OF SEQUENCES: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/0 FILING DATE: 07-JUN-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                              3711 GCTGATCGCGGCGAGGGGC 3729
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                                                                                                                                                                                                                                                                                         l Similarity
16; Conserv
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                                                                                                                                                                                                                       GATGATGGCGGCGATGGGC 20
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1601 Market Street Suite
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
                                                                                                                                                                                                                                                                                                                                                                                                                            not relevant
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Woodcock Washburn Kurtz
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                                                                                                                                                                                                                                                                                                         Score 14.2;
Pred. No. 1
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720
                                                                 Modulation of Protein
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US-08-727-003A-1
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Patent No. 5804383
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
APPLICATION NUMBER: 852,852
APPLICATION NUMBER: 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: 1SIS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Gruene
APPLICANT: Dohrma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
                                            SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: PETERS, VERNY,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                STREET: 385 Shermarker STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Mackiewicz & No. 5703054ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                               COMPUTER: PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: sing
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OPERATING SYSTEM:
 CLASSIFICATION:
                               APPLICATION NUMBER: US/08/727,003A
                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2984 GGCCACAGAAACGCAGCTG 3002
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Similarity 84.2%;
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                                                                                                                                                                                                                       385 Sherman Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                    United States of America
                                                                                                                                                                                                                                                                                                     Gruenert, Dieter, C.

Dobrman, Austin F.

DOBRMAN, AUSTIN AND ASSAY FOR
VENTION: DETECTIONOF THE EXPRESSION
VENTION: DETECTIONOF THE MUTATIONS
VENTION: OF ALLELE-SPECIFIC IN SITU
VENTION: REVERSE TRANSCRIPTASE
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                                                                                                                   Diskette -
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October 8, 1996
1: 435
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                                                                                                                                                                                                                                                                                         POLYMERASE CHAIN REACTION
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                                                                                                                   3.5 inch, 1.44 Kb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0
                                                                                                                                                                                                                                       JONES & BIK A, L.L.P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 14.2;
Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 28, Application US/08465485A Patent No. 5831066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                TELEFAX: (408) 436-2075
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (415)324-1678
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/465,485A FILING DATE: 05-JUN-1995 CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/124,256 FILING DATE: 20-SEP-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC COMPATIBLE PC DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0.
                                                                                                              NAME: FORTINEY, Andrew D.
REGISTRATION NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 333
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/840,716
FILING DATE: 21-FEB-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 30,518
REFERENCE/DOCKET NUMBER: 480-77
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)324-1677
                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: synthetic oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/005,254 FILING DATE: October 10, 1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                FILING DATE: 22-DEC-1988 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Reed, John
TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
NUMBER OF SEQUENCES: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 1755 S. CITY: Arlington STATE: Virginia
                                                                                            TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT ADDRESSEE: P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Hana Verny
                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         349 CTGAGCGCCTGAAACAGGA 367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         22202
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Y: U.S.A.
nucleic acid
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1755 S. Jefferson Davis Hwy., Suite 400
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                                                                                              (408) 436-2070
                                                                                                                                                                                                                       22-DEC-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.3%;
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                                                                                                                                       3335-070-55 CONT
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Query Match
Best Local Similarity
Watches 16; Conserve
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US-08-651-692-13
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                                                                              Query Match
                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/6
FILING DATE: Herewith
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                                                                                                                                                                                                       TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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NAME/KEY: Modified |
LOCATION: 18..19
OTHER INFORMATION: |
OTHER INFORMATION: |
                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: Other nucleic acid; DESCRIPTION: Synthetic DNA
                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 42
NORMESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Loren Miraglia, Thomas Geiger,
APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
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                                                                 Local Similarity
                                                                                                                                            STRANDEDNESS:
TOPOLOGY: Lir
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TOPOLOGY: lir
                                                                                                                                                                           TYPE: Nucleic Acid
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                                                                                                                                                                                             LENGTH:
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1235 CTCCCCGGGCCTCCGTCCA 1253
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                                                  Conservative
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                                                                                                                                           Linear
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                                                                 Score 14.2;
Pred. No. 1e
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Pred. No. 1e+03;
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                                                  Mismatches
                                                                              DB 1; Length 20;
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Best Local (
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Patent No. 5856104
                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: CAROSEL
APPLICANT: MOREAU,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Chee, Mark
APPLICANT: Fan, Jian-Bing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO:
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COMPUTER READABLE FORM:
MEDIUM TYPB: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                    APPLICANT: GLUCKMAN, ELIANE
APPLICANT: KIRSZENBAUM, MAREK
TITLE OF INVENTION: TRANSCRIPTS OF THE MHC CLASS I HLA-G
TITLE OF INVENTION: GENE AND THEIR APPLICATIONS
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Liebeschuetz, Joe O.
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-030200US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 6
FILING DATE: 28-OCT-1996
ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Polymorphisms in the Glucose-6 Phosphate
                                                                                                                                                                                                                                                                                                                                                                                                                  y Match 0.3%;
Local Similarity 84.2%;
hes 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
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FILING DATE: 07-MAR-1997
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                                   ADDRESSEE:
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                 OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT 55 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
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Pred. No. 1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 20, Application US/08889296A Patent No. 5872242
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Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Monia, B.P., Cowsert, L.M. and Manoharan,
TITLE OF INVENTION: Antieense Oligonuclectide
TITLE OF INVENTION: Inhibition of ras
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (703) 413-300
TELEFAX: (703) 413-2220
TELEX: 24885 OPAT UR
INFORMATION FOR SEQ ID NO: :
                                                 FILING DATE: herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/411,734
FILING DATE: April 3, 1995
PRIOR APPLICATION DATA:
                                                                                                                                                                SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/889,296A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA to mRNA
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FILING DATE: 17-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 94 03179
                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 84
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS
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ADDRESSEE: Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
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                               APPLICATION NUMBER:
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ING DATE: October 1, 1993 APPLICATION DATA:
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Similarity 84.2%;
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                                                                                                                                                                                                                                                           DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                 PCT/US93/09346
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1;
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Best Local S
Matches 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                          TELEFAX: 415-398-3249
.NFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (609) 779-2400
TELEPAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 20
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     tent No.
                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0213
TELECOMMUNICATION: INFORMATION:
 MOLECULE TYPE:
                                                                                                                              TELEPHONE: 415-781-1989
                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J.
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: A-62282/BIR
                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Microsatel TITLE OF INVENTION: Genotyping NUMBER OF SEQUENCES: 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: Line ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: January 21, ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Stevenson, Tamara
                                                                                                                                                                                                                                                                                                                                                                                                             STATE: CA
                             LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
               STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: Nucleic Acid
STRANDEDNESS: Sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Jane Massey Licata REGISTRATION NUMBER: 32,2
                                                                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
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5874217
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Halverson,
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DNA (genomic)
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Query Match
Best Local Similarity
Thes 16; Conserve
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US-08-927-561-75
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Sequence 75, Application US/08927561
Patent No. 5874567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic (
TITLE OF INVENTION: Targeting the NUMBER OF SEQUENCES: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 16; Conserv
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GENERAL INFORMATION:
APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 74,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (215)563-4044 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 13403-220 COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
TOATTON NUMBER: US/08/927,561
                                                                                                                                                                                                                                                                                                                                     HYPOTHETICAL: NO ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 536
PRIOR APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Therapeutic Oligonucleotides TITLE OF INVENTION: Targeting the Human MDR1 and NUMBER OF SEQUENCES: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                      20 base pairs
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1601 Market Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.3%;
llarity 84.2%;
Conservative (
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                                                                                                                                                                                                                                                                                                                                                                      DNA (genomic)
                                                                                                                                                                                                                                                                    0.3%;
               Therapeutic Oligonucleotides
Targeting the Human MDR1 and MRP Genes
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                                                                                                                                                                                                                                                                      Score 14.2; DB 
Pred. No. 1e+03;
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t Suite 720
                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                  DB 1;
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION UNMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CCLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    atent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPULUCE TYPE: UNH
MOLECULE TYPE: UNH
HYPOTHETICAL: NO
FENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                    APPLICANT: Grandchamp-Desraux, Bernard APPLICANT: Levy-Frebault, Veronique APPLICANT: Gicquel, Brigitte TITLE OF INVENTION: Nucleotide sequence TITLE OF INVENTION: applications to the TITLE OF INVENTION: application as immunitaries.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
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                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                            STREET: 4 Embarcade:
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                         MEDIUM TYPE:
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1601 Market Street Suite 720
                                                                                                                                                                                          E: Walter H. Dreger
4 Embarcadero Center, Suite 3400
                                                                                                                                     U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                               Hance, Allan J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (215)563-4044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.3%;
                                                                                                                                                                                                                                                                        applications to the synthesis or detection of nucle acids, products of expression of such sequences and application as immunogenic compositions.
                                                                                                                                                                                                                                                                                                                                 Nucleotide sequences of actinomycetales
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0;
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Pred. No. 1e+03;
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                  Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1; Length 20;
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RESULT 715
US-08-875-154-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                                           TELEPHONE: 212-867-01
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO:
                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4381
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                                                                                                                                                                                                                                        SOFTWARE: FASTSEQ for Windows Version 2.0 CURRENT APPLICATION NUMBER: US/08/875 151
                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
COPERATION SYSTEM: DO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 24190
REFERENCE/DOCKET NUMBER: 5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
                                                                                             SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
MOLECULE TYPE:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Jorgensen, TITLE OF INVENTION: DN NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                              TOPOLOGY:
                                           STRANDEDNESS:
                                                         TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 06-JUN
                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 07/623,729 FILING DATE: 14-DEC-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Dreger, Walter H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                605 TGCCAGCGAGTCCATCTCC 623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 TGCCACCGCGGCCATCTCC 20
                                                                                                                                                                                                                                                                                                                                                                                                                      New York
                                                                                                                                                                                                                                                                                                                                                                                         10174
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         405
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                            linear
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other nucleic acid
/desc = "LWN5067"
                                             single
                                                                                                                                                                                                                                                                                                                                                      Diskette
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DNA Integration By Transporation

38
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Pred. No. 1
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Query Match

0.3%; Score 14.2;

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Length 20;

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TOPOLOGY: linear
ANTI-SENSE: yes
US-08-478-178A-37
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US-08-478-178A-37
  Sequence 37, Application US/08488177
Patent No. 5885970
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ALDRESS:
                                                                                                                                                                                                                                                                                                                               Query Match
Best Local S
Matches 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 514

PRIOR APPLICATION UNDER: 852,852

APPLICATION NUMBER: 852,852

FILING DATE: Warch 16, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Rebecca Ralph Gaumond

REGISTRATION NUMBER: 35,152

REFERENCE/DOCKET NUMBER: 151S-1154

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEPAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 37:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 37, App
Patent No. 58829
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Nicholas Dean, C. Frank Bennett TITLE OF INVENTION: Oligonucleotide Modulation TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US FILING DATE: herewith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5882927ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                           2984 GGCCACAGAAACGCAGCTG 3002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       118 CCAGAGCCGGTCATTCCAC 136
                                                                                                                                                                                                                                                      1 GGCCCCAGAAACGTAGCAG 19
                                                                                                                                                                                                                                                                                                                               ch 0.3%;
1 Similarity 84.2%;
16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 CCAGAACCTGTCAATCCAC 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nucleic acid
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Woodcock Washburn Kurtz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     single
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COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
COMPUTER: WORDDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-UW-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
FILING DATE: MARCH 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1995
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3100
INFORMATION FOR SEQ ID NO: 37:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-481-072A-37
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GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Franl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.3%; Score 14.2; DB 1; Best Local Similarity 84.2%; Pred. No. 1e+03;
APPLICATION NUMBER: US/08/481
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: MASCh 16, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
AMDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                               COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Nicholas Dean, C. Frank Bennett TITLE OF INVENTION: Oligonucleotide Modulation TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
ZIP: 191
                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5916807ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: One - CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid STRANDEDNESS: sing
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                                                                                                                               US/08/481,072A
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US-08-664-336-37
                                                US-08-664-336-37
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 37, Appli
Patent No. 5922686
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                           CLASSIFICATION: 536

PRIOR APPLICATION NUMBER: 852,852

APPLICATION NUMBER: 852,852

FILING DATE: MARCH 16, 1992

PRIOR APPLICATION DATA: 89,996

APPLICATION NUMBER: 089,996

FILING DATE: July 9, 1993

ATTORNEY/AGENT INFORMATION:

NAME: Paul K. Legaard
                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS:
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/6
FILING DATE: Nerewith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (215) 568-343
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                  TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: (
                                                                                                                                                                                                              REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2345
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 121
CORRESSPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                              TOPOLOGY:
                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
TOPOLOGY: line
NTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: One Liberty CITY: Philadelphia
                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
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                                                                                                                                                                                                TELEPHONE:
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                                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH:
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                                                                                                                nucleic acid
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Mackiewicz & No. 5922686ris
                                                                             linear
                                                                                                                                                                                                 (215) 568-3100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DISKETTE, 3.5 INCH, 720 kb STORAGE
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0.3%;
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Pred. No. 1e+03;
Score 14.2; DB 1;
Pred. No. 1e+03;
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             Length 20;
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US-08-481-066A-37
Sequence 37, Application US/08481066A
Patent NO. 595906
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein Kinase C
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US-08-910-367-2
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                                                                                                                                RESULT 721
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; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
US-08-910-367-2
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/910,367
PILING DATE: 13-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/041,173
FILING DATE: 21-MAR-1997
ATTORNEY/ACENT INFORMATION:
NAME: Silva, Robin M
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-64797/RF
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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APPLICANT: Pati, Sushma
APPLICANT: Paring, Dav
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (415) 398-3249 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr Hohbach Test Albritton & Herbert,
STREET: Four Embarcadero Center, Ste. 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Recombination NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Sequence Alterations Using Homologous
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STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
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                                                                                                                                                                                                                                                                             Similarity
                                                                                                                                                                                                                                                                                                                                                                                   1: 20 base pairs
nucleic acid
DEDNESS: unknown
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13-AUG-1997
V: ,,
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84.2%; Pred. No. 1
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NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:

Woodcock Washburn Kurtz

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Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:

APPLICANT: Monia, et al.

APPLICANT: Monia, et al.

TITLE OF INVENTION: ANTISENSE INHIBITION OF RAS GENE WITH

TITLE OF INVENTION: CHIMERIC AND ALTERNATING OLIGONUCLEOTIDES

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5965722ris LLP

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IEM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
PILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecta Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (215) 568-310
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: :
                 CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/317,289
FILING DATE: 03-OCT-1994
PRIOR APPLICATION DATA:
                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Mackiewicz & No. 5959096ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
                                                                                                                     APPLICATION NUMBER: US/08/848,840A
FILING DATE: 30-APR-1997
                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                   STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
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08/794,493
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38: ISIS-1154
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Pred. No. 1e+03;
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                                                                                                                                                                        TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and TITLE OF INVENTION: Mutations at Various Positions of the Gene FILE REFERENCE: 3477-61, 033477/139840.
CURRENT APPLICATION NUMBER: US/08/469,461B
CURRENT FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
                                                                    Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10, Applica Patent No. 5981178 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Tsui, Lap-Chee
APPLICANT: Rommins, Johanna M.
APPLICANT: Kerem, Bat-Sheva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                           ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/2
FILING DATE: 13-APR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/40
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4:
FILING DATE: 03-APR-1995
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APPLICATION NUMBER: 08/46
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: IS
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                                 349 СТGАССССТСАЛАСАССА 367
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                                                                    0.3%; Score 14.2; DB ilarity 84.2%; Pred. No. 1e+03; Conservative 0; Mismatches
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07-JUN-1995
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Pred. No. 1e+03;
0; Mismatches
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Sequence 10, Application US/07890609C
Patent No. 600158
GENERAL INFORMATION:
APPLICANT: Tsui, Lap-Chee
APPLICANT: Rommins, Johanna M.
APPLICANT: Kerem, Bat-Sheva
TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
TITLE OF INVENTION: Mutations at Various Positions of the Gene
FILE REFERENCE: 3477-61, 033477/139840
CURRENT APPLICATION UNWBER: US/07/890,609C
CURRENT APPLICATION UNWBER: US/07/890,609C
CURRENT FILING DATE: 1992-07-13
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10
LENGTH: 20
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                                                                                                                                                           RESULT 726
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; ORGANISM: Homo sapiens
US-07-890-609-10
                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: PCR primer US-08-878-738-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-07-890-609-10
Sequence 2, Application US/08487799C
Patent No. 6010908
GENERAL INFORMATION:
APPLICANT: Gruenert, Deiter C.
APPLICANT: Kunzelmann, Karl
TITLE OP INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
FILE REFERENCE: 480.18-1(HV)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EARLIER FILING DATE: 1996-06-20
NUMBER OF SEQ ID NOS: 2
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 20
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Best Local (
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CURRENT FILING DATE: 1997-06-19
EARLIER APPLICATION NUMBER: 60/020,812
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Zhao, Jing
APPLICANT: Caskey, C. Thomas
TITLE OF INVENTION: GENE THERAPY FOR OBESITY
FILE REFERENCE: 19738
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Morsy, Manal A. APPLICANT: Gu, Ming Cheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   08-878-738-2
                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                                                                                                                      4254 TTAGCACCAAGTGCTGAGG 4272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               349 CTGAGCGCCTGAAACAGGA 367
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                                                                                                                                                                                                                  TCAGCACCCAGGGCTGAGG
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Pred. No. 1e+03;
0; Mismatches
                                                                                                                                                                                                                                                                                                               Pred. No. 1e+03;
                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                  DB 1; Length 20;
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CURRENT FILING DATE: 1995-06-07
EARLIER APPLICATION NUMBER: 07/933,471
EARLIER FILING DATE: 1992-08-21
EARLIER APPLICATION NUMBER: 08/409,544
EARLIER FILING DATE: 1995-03-24
NUMBER OF SEQ ID NOS: 87
SOFTMARE: Patentin Ver. 2.0
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Best Local Similarity
Matches 16; Conserv
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Patent No. 6015892
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LENGTH: 20
                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,61:
FILING DATE: 11-JAN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-15
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Nicholas Dean, C. Frank Bennett and TITLE OF INVENTION: Oligonucleotide Modulation NUMBER OF SEQUENCES: 122
ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                        TYPE: nucleic acid
                TOPOLOGY: linear
                                      STRANDEDNESS:
                                                                                                                                                    TELEPHONE:
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                                                                            ENGTH:
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                                                                                                                                  (215) 568-31
(215) 568-3439
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                                      single
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Pred. No. 1e+03;
0; Mismatches
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of Protein KinaseC
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RESULT 729
US-09-080-285-28/c
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US-09-366-257-32/c
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Best Local S
Matches 16
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-MITOCHONDRIAL EXPRESSION
FILE REFERENCE: RTS-0073
CURRENT APPLICATION NUMBER: US/09/366,257
CURRENT FILING DATE: 1999-08-03
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION: APPLICANT: Reed,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/840,716
FILING DATE: 21-FEB-1992
                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: DAMPETER: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: P.C.
STREET: 1755 S. Jefferson Davis Hwy., Suite 400
CITY: Arlington
                                                  APPLICATION NUMBER: US 08/124,256 FILING DATE: 20-SEP-1993
                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
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RESULT 731
US-08-777-266A-33/c
; Sequence 33, Application
; Patent No. 6077833
; GENERAL INFORMATION:
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; OTHER INFORMATION: Description of Artificial Sequence:
US-09-133-934-5
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                                                                                                                                                                   Query Match
Best Local Similarity 84.2
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Patent No. 6074853
GENERAL INFORMATION:
APPLICANT: Pati, Sushma
TITLE OF INVENTION: Sequence Alterations Using Homologous Recombination
Patent No. 6074853
                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 5
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: A64797-1
CURRENT APPLICATION NUMBER: US/09/133,934
CURRENT FILING DATE: 1998-08-14
EARLIER APPLICATION NUMBER: US 60/041,173
EARLIER FILING DATE: 1997-03-21
NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PEATURE: Nodified base NAME/KEY: Modified base LOCATION: 18.19
OTHER INFORMATION: Last t OTHER INFORMATION: phospi
                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: Other nucleic
DESCRIPTION: Synthetic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Fortney, Andrew D.
REGISTRATION NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 333
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 436-2070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
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84.2%;
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                                                                                                                                                                                                 Score 14.2; DB : Pred. No. 1e+03;
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Pred. No. 1e+03;
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                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                               DB 1;
                                                                                                                                                                                                               Length 20;
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                                                                                                                                                                                  Indels
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                                                                                                                                                                                  Gaps
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APPLICANT:

Clarence Frank Bennett

US/08777266A

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; OTHER INFORMATION: antisense sequence US-09-166-186-51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-777-266A-33
Query Match
Best Local Similarity 84.2
"---hes 16; Conservative
                                                                                                                                                                    SEQ ID NO 51
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                 Patent No. 6080580 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 51,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                               APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF
FILE REFERENCE: ISPH-0322
CURRENT PPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (609) 779-240
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: :
                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS!
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
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16; Conserv
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                                     0.3%;
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                    Score 14.2; DB
Pred. No. 1e+03;
0; Mismatches
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Pred. No. 1
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                                                  Length 20;
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                      Indels
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                      Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: antisense sequence US-09-166-186-195
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Best Local Sim
Matches 16;
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 195,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
FILE REFERENCE: ISPH-0322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                  CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                              REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
                                                                                                                                                                                                                                      SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Greg Hardee, Richard Geary, Arthur Levin, APPLICANT: Mike Templin, Randy Howard, Rahul Mehta TITLE OF INVENTION: LIPOSOMAL OLIGONUCLEOTIDE COMPOSITIONS
                                                                                                                FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
TELEPHONE: 609-810-1454
                                                                                                                                                                                                                                                                     COMPUTER: PENTIUM
OPERATING SYSTEM:
                                                                                NAME: Jane Massey Licata REGISTRATION NUMBER: 32,
                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/961,469A
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                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Jane Massey Licata,
                                                                                                                                                                                                                                                                                                          DISKETTE, 3.5 INCH,
                                                                                                                                                                                                      October 31,
                                                                                                                                                                                                                                                                        WINDOWS 95
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Pred. No. 1
                                                                  SPH-0219
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                                                                                                                                                                                                                                                                                                            1.44 Mb STORAGE
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; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-08-961-469A-28
                                                                            US-09-344-914-49/c
                                                                                              RESULT 736
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                                              Sequence 49, Application US/09344914 Patent No. 6110664
                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches 16;
                                                                                                                                                                                                      Matches 16;
                                                                                                                                                                                                                    Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (609) 810-155
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Dean, Nicholas M.
TITLE OF INVENTION: ANTISENS
TITLE OF INVENTION: OF HUMAN
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                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                           LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: herew
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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                                                                                                                                                                       5008 GCCTGGCTGCCAGGGAGGG 5026
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6087489
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                                                                                                                                                                                                                                                                                   Linear
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                                                                                                                                                                                                                    Score 14.2; DB
Pred. No. 1e+03;
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Pred. No. 1
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Query Match
Best Local Similarity
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Best Local Similarity
Watches 16; Conserve
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; Sequence 52, Application US/09344914
; Patent No. 6110664
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; Sequence 51, Application US/09344914
; Patent No. 6110664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  밁
                                                             ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-914-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-344-914-51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 737
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 51
LENGTH: 20
TYPE: DNA
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LENGTH: 20
TYPE: DNA
                                                                                                                          NUMBER OF SEQ ID NOS: 87
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
Matches
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              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
                                                                                                                                                                                                                 APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
FILE REFERENCE: RTS-0068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION
FILE REFERENCE: RTS-0068
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                          FEATURE:
                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                        2321 AAAAATCAAGCAGCAGCAG 2339
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 Conservative
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              Score 14.2;
Pred No. 1e
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Pred. No. 1e+03
 Mismatches
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              2; DB 1;
le+03;
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2323 AAATCAAGCAGCAGCAGTA 2341

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; Sequence 53, Application US/09344914
; Patent No. 6110664
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-
; FILE REFERENCE: RTS-0068
; CURRENT APPLICATION UMBER: US/09/344,914
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 87
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US-09-344-914-53/c
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Patent No. 6117848
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LENGTH: 20
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APPLICATION NUMBER: 08/411,734
APPLICATION DATA: 3, 1995
PRIOR APPLICATION DATA:
APPLICATION UNMBER: PCT/US93/09346
FILING DATE: October 1, 1993
PRIOR APPLICATION UNMBER: 958,134
APPLICATION NUMBER: 958,134
APPLICATION OCTOBER 5, 1992
PRIOR APPLICATION DATA: 08/007,996
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 6117848
GNNERAL INFORMATION:
GRNERAL INFORMATION:
GNERAL INFORMATION:
Antisense Oligonucleotide
TITLE OF INVENTION: Inhibition of ras
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                      APPLICATION NUMBER:
FILING DATE:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                    SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                       FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
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                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
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210 Lake Drive
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East, S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-358-685-25
                                           NUMBER OF SEQ ID NOS: 47
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 47
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                     Sequence 22, Application US/09358384
Patent No. 6130088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
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Patent No. 6121047
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
OTHER INFORMATION: Antisense Oligonucleotide - 09-358-384-22
                                                                                                                         TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 1 EXPRES FILE REFERENCE: RTS-0083
CURRENT APPLICATION NUMBER: US/09/358,384
CURRENT FILING DATE: 1999-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: ANTISENSE MODULATION OF SHP-1 EXPRESSION FILE REFERENCE: RTS-0081 CURRENT APPLICATION NUMBER: US/09/358,685 CURRENT FILING DATE: 1999-07-21
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                                 FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                    523 GCTGGAACCATGGCAACAT 541
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Pred. No. 1e+03;
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Pred. No. 1
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RESULT 744
US-08-838-715B-81/c
; Sequence 81, Application US/08838715B
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US-08-838-715B-16
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                                                                                                                                            Matches
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Best Local
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APPLICATION NUMBER: 07/568,366
FILING DATE: 8/16/90
APPLICATION NUMBER: 07/927,506
FILING DATE: 11/19/92
APPLICATION NUMBER: 08/009,263
FILING DATE: 1/25/93
APPLICATION NUMBER: 08/233,711
FILING DATE: 4/26/94
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                 TOPOLOGY: 11166.
MOLECULE TYPE: DN
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                              TELEFAX: (609) 810-1454 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Draper, Chapman, Kisner, Anderson
TITLE OF INVENTION: Composition and Method for Treatment
TITLE OF INVENTION: of CMV Infection
NUMBER OF SEQUENCES: 90
                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                               STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Marlton
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                                                                                                                                                                                                                                                                                                              ENGTH:
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                                                                                                            664 ACACTTACAGAATTCTGCC 682
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                                                                                                                                            16;
                                                                                                                                                            Similarity
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                                                                                                                                                                                                                                                                                               nucleic acid
                                                                               AGACTTACCGACTTCTGCC 20
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                                                                                                                                            Conservative
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                                                                                                                                                                                                                                                                    linear
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                                                                                                                                                                                                                                                    DNA (genomic)
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                                                                                                                                                           0.3%;
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                                                                                                                                           Score 14.2; DB
Pred. No. 1e+03;
0; Mismatches
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Pred. No. 1e
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Query Match
Best Local Similarity
Thes 16; Conserv
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                                                                                                                                                                                                                                            US-09-444-053-36
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 36
LENGTH: 20
                                                         GENERAL INFORMATION:

APPLICANT: Donna T. Ward

APPLICANT: Lex M. Cowsert

TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION

FILE REFERENCE: RTS-0122

CURRENT PPLICATION UNUBER: US/09/444,053A

CURRENT FILING DATE: 1999-11-19
                                                                                                                                                                                                 Sequence 36, Application US/09444053A Patent No. 6165728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6153595
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: April 9, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA: APPLICATION UNMBER: 07/568,366
FILING DATE: 8/16/90
APPLICATION NUMBER: 07/927,506
FILING DATE: 11/19/92
APPLICATION NUMBER: 08/009,263
PILING DATE: 1/25/93
APPLICATION NUMBER: 08/233,711
FILING DATE: 1/25/93
APPLICATION NUMBER: 08/233,711
FILING DATE: 1/25/94
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32.257
REFERENCE DOCUMENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (609) 810-1454 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,715B
FILING DATE: April 9, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION: TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Draper, Chapman, Kisner, Anderson
TITLE OF INVENTION: Composition and Method for Treatment
TITLE OF INVENTION: of CMV Infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 66 E. CITY: Marlton
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
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84.2%; Pred. No. 1e
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APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowsert
IITLE OF INVENTION: ANTISENSE MODULATION OF DAY
FILE REFERENCE: RTS-0120
CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 69
LENGTH: 20
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                                                                                                                                 / FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-69
                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-490-692-69/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-09-435-296-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-435-296-47/c
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Patent No. 6180353
GENERAL INFORMATION:
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Patent No. 6171860
GENERAL INFORMATION:
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Best Local
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
FILE REFERENCE: RTS-0116
CURRENT APPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 1999-11-05
CURRENT FILING DATE: 1999-11-05
                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                     TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
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les 16; Conserv
                               3139 GGCCAAAGACCCTGAAGAG 3157
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                                                                                  Similarity
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Pred. No. 1e+03;
0; Mismatches 3;
                                                                                Score 14.2; DB 1;
Pred. No. 1e+03;
                                                                  Mismatches
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                                                                                                                                                                                                                                                                                                                       EXPRESSION
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                                                                                                Length 20;
                                                                  Indels
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RESULT 748

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SEQ ID NO 51
LENGTH: 20
TYPE: DNA
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                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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Patent No. 6228642
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Best Local Similarity
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                                                                                                                      APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
                                                                               CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
                                                                NUMBER OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (415) 39
INFORMATION FOR SEQ ID NO:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Pateentin Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/288,586
FILING DATE: 08-Apr-1999
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/910,367
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-
TELECOMMUNICATION INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr Hohbach Test Albritton & Herbert, LLP STREET: Four Embarcadero Center, Ste. 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Zarling, David A.
TITLE OF INVENTION: Sequence Alterations Using Homologous
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                                                                                                                                                                                                                                                                                                                                                                                                                                               349 CTGAGCGCCTGAAACAGGA 367
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                                                                SEQ ID NOS: 501
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (415) 781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                               Application US/09313932A
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Pred. No. 1e+03;
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; OTHER INFORMATION: Synthetic US-09-313-932-287
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; OTHER INFORMATION: Synthetic
US-09-313-932-195
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LENGTH: 20
                                                                                                                                                               SEQ ID NO 287
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sequence 195, Application US/09313932A
Patent No. 6228642
   Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.3%;
Best Local Similarity 84.2%;
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Best Local Similarity
                                                                                                                                                                                              APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TILE REFERENCE: ISPH-0356
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Mcdeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/313,932A CURRENT FILING DATE: 1999-05-18 NUMBER OF SEQ ID NOS: 501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: ISPH-0356
                                                                                                                           ORGANISM: Artificial Sequence
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                                                                                                            FEATURE:
                                                                                                                                                 TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2209 ACAAGAAGCTGAGTCCCTT 2227
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ilarity 84.2%;
Conservative
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Score 14.2; DB:
Pred. No. 1e+03;
0; Mismatches
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Pred. No. 1
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Pred. No. 1e+03;
0; Mismatches
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                                  DB 1; Length 20;
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; OTHER INFORMATION: probe for human cystic US-09-358-972-113
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Best Local Similarity
Watches 16; Conserve
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APPLICANT: Baker, Brenda
APPLICANT: Beneet, C. Frank
APPLICANT: Benneet, Radeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 501
SEQ ID NO 374
LENGTH: 20
TYPE: DNA
                                                                                                                                          SEQ ID NO 113
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Lieppe, Donna
APPLICANT: Mandrekar, Michalle
APPLICANT: Kephart, Daniel
APPLICANT: Rhodes, Richard B.
APPLICANT: Andrews, Christine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 113,
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
                                                                                                                                                                                  EARLIER APPLICATION NUMBER: 09/042,287
EARLIER FILING DATE: 1998-03-13
NUMBER OF SEQ ID NOS: 290
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                              TITLE OF INVENTION: Nucleic Acid Detection FILE REFERENCE: Pro-103 6868/75528 FILE REFERENCE: Pro-103 6868/75528 GURRENT APPLICATION NUMBER: U9/09/358,972 CURRENT FILLING DATE: 1999-07-22 EARLIER APPLICATION NUMBER: 09/252,436 EARLIER FILLING DATE: 1999-02-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Shultz, John W
APPLICANT: Lewis, Martin K.
                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Olson, Ryan J.
APPLICANT: Wood, Keith W.
APPLICANT: Welch, Roy
                                                                               TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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                                                               fibrosis
Length 20;
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Query Match

0.3%;

Score 14.2;

DB 1;

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CURRENT FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 25
LENGTH: 20
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Best Local Similarity
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,847B
PILING DATE: 09-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/385,998
FILING DATE: 09-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         atent No. 6255105
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Brett P. Monia APPLICANT: Lex M. Cowser
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS SOFTWARE: MS WORD 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: NEW YORK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       536 CAACATCACCCGCTCCAAG 554
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MORGAN & FINNEGAN, L.L.P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FLOPPY DISK
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Amino Acid Sequences Of A New Tumor Gene,
Int6, And the Use Of Reagents Derived From
These Sequences In Diagnostic Assays,
                                                                                                                                                                                                                                                                                                                                                                                      PC-DOS/MS-DOS
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0; Mismatches
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Pred. No. 1e+03;
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                                                                                                                                                                                                                                                                                  RESULT 757
US-09-118-408-9
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CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 61
LENGTH: 20
                                                                                                                                                                                                                                Sequence 9, Application US/09118408A Patent No. 6265544
GENERAL INFORMATION:
                                             SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 9
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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                                                                                                                                                FILE REFERENCE: 97-30
CURRENT APPLICATION NUMBER: US/09/118,408A
CURRENT FILING DATE: 1998-07-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REFERENCE:
                                                                                                                                                                                                 APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
                                                                                                                 EARLIER APPLICATION NUMBER: 60/053,154
EARLIER FILING DATE: 1997-07-18
                                                                                                   NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 421792
[NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence FEATURE:
                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3810 AAGAGCCAAGGGAAGCCCA 3828
                                                                                                                                                                                                                                                                                                                                                                                    1656 GGCTTCTGCCAGCTCCTGC 1674
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RTS-0087
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 14.2; DB
Pred. No. 1e+03;
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Pred. No. 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-18
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LENGTH: 20
TYPE: DNA
                                                                                                                                                                                         SEQ ID NO 37
LENGTH: 20
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APPLICANT: Jacquelin
TITLE OF INVENTION:
FILE REFERENCE: R'
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Best Local
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Best Local :
                                                                                    Query Match
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                                                                                                                                                                                                                                                                                                                                                    Sequence 37, Application US/09593711A
Patent No. 6271030
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APPLICANT: Madeline M. Butl
                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                FEATURE:
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                                                                     Local
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                           cceceecceccecreccae 3942
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                                                                                                                                                                                                                                                                                                           Madeline M.
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                                                       Pred. No. 1e+
); Mismatches
                                                                     Score 14.2; DB 1; Length 20; Pred. No. 1e+03;
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Pred. No. 1e+03;
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Pred. No. 16
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RESULT 760

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CURRENT FILING DATE: 2000-06-14
NUMBER OF SEQ ID NOS: 244
SEQ ID NO 73
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-59
                                                                                                                                                                                                US-08-958-316-13
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US-09-593-711A-73
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SEQ ID NO 59
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                              Patent No. 6291659
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 16; Conser
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APPLICANT: Brett
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Best Local Similarity
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                                                                                                                                                                               Sequence 13,
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APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENS
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CURRENT FILING DATE: 2000-06-14
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APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENS
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                                                                                                APPLICANT:
APPLICANT:
APPLICANT:
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                                              TITLE OF INVENTION: TRANSCRIPTS OF TITLE OF INVENTION: GENE AND THEIR
                  CORRESPONDENCE ADDRESS
                                    NUMBER OF SEQUENCES:
                                                                                  APPLICANT:
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o. 6271030
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                                                                                                                                                                               Application US/08958316
                                                                                                  MOREAU, PHILIPPE
GLUCKMAN, ELIANE
                                                                                                                               CAROSELLA,
                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                GLUCKMAN, ELIANE
KIRSZENBAUM, MAREK
OBLON, SPIVAK, MCCLELLAND,
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Pred. No. 1e+03;
0; Mismatches
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                                                 THE MHC CLASS I HLA-G
APPLICATIONS
MAIER & NEUSTADT
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                                                                                                                                        ) OTHER INFORMATION: Antisense Oligonucleotide US-09-721-822A-63
                                                                                                                                                                                                                                                                                                                            Sequence 63, Application US/09721822A
PATENT NO. 6306606
GENERAL INFORMATION:
APPLICANT: Michael J. Weber
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1 EXPRESSION
                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                     SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local S
                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/721,822A
CURRENT FILING DATE: 2000-11-22
NUMBER OF SEQ ID NOS: 135
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 94 03179
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 0846-043
                                                                                                                                                                                                                                                                                                               FILE REFERENCE: RTS-0142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: cDNA to mRNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            y Match 0.3%;
Local Similarity 84.2%;
nes 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Tape
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/958,316 FILING DATE: 27-OCT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2609 CCACAGCCCTGTCTTGCC 2627
19
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ARLINGTON
                                TCTGGGGATTCCTCAGAAA 1448
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TCTAGGGATACCACAGAAA 1
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                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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                                                                                   0.3%;
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                                                                                   Score 14.2; DB 1;
Pred. No. 1e+03;
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Pred. No. 16
                                                                     Mismatches
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                                                                     Indels
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RESULT 766
US-08-829-637A-37
; Sequence 37, Application US/08829637A
; Patent No. 6339066
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, ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-326-186B-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-572-423B-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 21
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Oliopnucle-otide Compositions and Methods for the TITLE OF INVENTION: Oliopnucle-otide Compositions and Methods for the TITLE OF INVENTION: Modulation of the Expression of B7 Protein FILE REFERENCE: ISPH-0376
CURRENT APPLICATION NUMBER: US/09/326,186B
CURRENT FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 226
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 33
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 21, Applica
Patent No. 6331399
GENERAL INFORMATION:
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APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 16; Conserv
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                                                      GENERAL INFORMATION:
APPLICANT: C. Fra
APPLICANT: Philli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Brett P. Monia
APPLICANT: William A. Gaarde
APPLICANT: William A. Gaarde
APPLICANT: Edward Wancewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/572,423B
CURRENT FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
APPLICANT:
APPLICANT:
TITLE OF IN
                                                                                                                                                                                                                                                                              1657 GCTTCTGCCAGCTCCTGCA 1675
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  INVENTION:
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                  Glenn Hoke
                                       Nicholas Dean
                                                          Phillip Dan Cook
                                                                                                                                                                                                                                                                                                                       Conservative
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                                                                               Frank Bennett
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OLIGONUCLEOTIDES WHICH HAVE
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TELEFAX: (215) 568-3439
NFORMATION FOR SEQ ID NO:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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APPLICATION NUMBER: US 08/481,066
FILING DATE: 07-JUN-1995
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PRIOR APPLICATION NUMBER: US 07/566,977
                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                    REFERENCE/DOCKET NUMBER: ISIS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/777,760 FILING DATE: 15-OCT-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/777,007 FILING DATE: 16-OCT-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 0' FILING DATE: 09-JUL-1993
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: One Liberty CITY: Philadelphia STATE: PA
                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 05-MA
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                                                                                                                                                                                                  REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 11-JAN-1991
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
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E OF INVENTION:
SR OF SEQUENCES:
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                                   nucleic acid
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linear
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                                                                                                                                                                                                                                                           JMBER: US 07/436,358
11-JAN-1990
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                single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US 07/089,996
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US-09-378-842-14
                                                                                                                               US-09-378-842-14
                                                              Matches
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                                                                            Query Match
Best Local Similarity
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Best Local (
                                                                                                                                                                                                        TELEX: 421792
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US/08/
FILING DATE: 09-FEB-1996
FILING DATE: 09-FEB-1996
APPLICATION NUMBER: 08/38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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TITLE OF INVENTION: Inte
TITLE OF INVENTION: Inte
TITLE OF INVENTION: The
TITLE OF INVENTION: Vac
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
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COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: William S. Feiler
REGISTRATION NUMBER: 26,7
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: MS WORD 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                              STRANDEDNESS:
TOPOLOGY: li
                                                                                                                                                                                                                                                 TELEPHONE: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                            LENGTH:
                              3810 AAGAGCCAAGGGAAGCCCA 3828
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                                                              16;
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AAGAACCAAGGGAATCCTA 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The Government of the United
States of America as represented by the
Secretary, Department of Health and Human
Services; Callahan, Robert; Marchetti,
Antonio; Buttitta, Fiamma; Smith, Gilbert H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                              linear
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                                                                                                                                                            single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nucleotide And Deduced
Amino Acid Sequences Of A New Tumor Gene,
Int6, And the Use Of Reagents Derived From
These Sequences In Diagnostic Assays,
                                                                                                                                                                                                                                                                                                                                                                                                                           US/08/875,847
                                                                                                                                                                                                                                                                                                                                                                                            08/385,998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US/09/378,842
                                                           ; Score 14.2; D; Pred. No. 1e+0
                                                                                                                                                                                                                                                                                                                2026-4179PCT
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Pred. No. 1e+03;
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                                                                                           DB 1;
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                                                              Gape
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RESULT 768 US-09-248-386-20/c

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US-09-659-791A-64/c; Sequence 64, Application US/09659791A; Setent No. 6393808; GENERAL INFORMATION: APPLICANT: Brett P. Monia; APPLICANT: Susan M. Freier
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                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence: No. 6359124el Sequence
US-09-248-386-20
                                                                                                                      RESULT 769
                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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NUMBER OF SEQ ID NOS: 33
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CURRENT APPLICATION NUMBER: US/09/248,386
CURRENT FILING DATE: 1999-01-12
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APPLICANT: Cook, Phillip
APPLICANT: Ecker, David J
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APPLICANT: Freier, Susan M
APPLICANT: Sanghvi, Yogesh S
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EARLIER FILING DATE: 1997-04-30
EARLIER APPLICATION NUMBER: 07/411,734
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Antisense Inhibition of RAS Gene
TITLE OF INVENTION: Alternating Oligonucleotides
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                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                         217 GCCGCGGCAGCCGTGGCAG 235
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/468,037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/814,961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 1993-12-28
APPLICATION NUMBER: 08/040,933
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 07/958,134 FILING DATE: 1992-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US93/09346 FILING DATE: 1993-10-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/244,993 FILING DATE: 1994-06-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/040,903
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1993-01-21
                                                                                                                                                                               19 GCCGCGGCGGCGGAGGCAG 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 08/007,996
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Pred. No. 1e
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RESULT 771 US-09-851-520-25

Sequence 25, Application US/09851520 Patent No. 6399379 GENERAL INFORMATION:

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                                                                                                                                                               SOFTWARE: P.
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 09/25
PRIOR FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: 09/04
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 09/35
PRIOR FILING DATE: 1999-07-21
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1. DNO 64
                                                    Matches
                                                               Query Match
Best Local Similarity
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                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                   FILE REPERENCE: PRO-104 6868/75529
CURRENT APPLICATION NUMBER: US/09/383,316
CURRENT FILING DATE: 1999-08-25
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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               349 CTGAGCGCCTGAAACAGGA 367
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                                                    16;
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Similarity 84.2%;
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CAGAGTACCTGAAACAGGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/09383316
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Rhodes, Richard B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Shultz, John W
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Lieppe, Donna
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                                                  Conservative
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                                                    0; Mismatches
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Pred. No. 1e+03;
                                                                 Score 14.2; DB Pred. No. 1e+03;
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-102
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CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 102
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Patent No. 6410324
GENERAL INFORMATION:
                                                                                              CURRENT APPLICATION NUMBER: US/09/851,896
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 22
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Best Local Similarity
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                             Sequence 22, Application US/09851896 Patent No. 6410325
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OTHER INFORMATION: Antisense Oligonucleotide
-09-851-520-25
                                                                                                                                                                   APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDITIE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0220
FILE REFERENCE: RTS-0220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REFERENCE: RTS-0241
CURRENT APPLICATION NUMBER: US/09/851,520
CURRENT FILING DATE: 2001-05-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freie
                                                            LENGTH: 20
TYPE: DNA
                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                    2331 CAGCAGCAGTACGCAGACC 2349
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INFORMATION: Antisense Oligonucleotide
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Pred. No. 1
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Pred. No. 1e+03;
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Sequence 28, Application US/09724426
PAtent No. 6414134
GENERAL INFORMATION:
APPLICANT: Reed, John
TITLE OF INVENTION: Regulation of BCL-2 Gene Experiment Application Number: US/09/724,426
CURRENT APPLICATION NUMBER: US/09/724,426
CURRENT FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 29
SOFTWARE: Patentin version 3.0
SEQ ID NO 28
LENGTH: 20
                                                                                                                                                                                                                                                                                                            RESULT 775
US-09-724-426-28/c
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TITLE OF INVESTION: COMPOUNDS, COMPOSITIONS
TITLE OF INVESTION: OF DISEASES CHARACTERIZE
FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/9/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR APPLICATION NUMBER: PCT/US98/19437
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US-09-254-465A-16
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US-09-254-465A-16
US-09-724-426-28
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SEQ ID NO 16
LENGTH: 20
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Best Local
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                                          LENGTH: 20
TYPE: DNA
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                     ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: artificial sequence
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6410708
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Napier, Mary A.
Tumas, Daniel
Wood, William I.
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Ashkenazi, Avi J.
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Pred. No. 1e+C
O; Mismatches
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     GENERAL INFORMATION:
APPLICANT: Venezia, Domenick
APPLICANT: Grossmann, Angelika
APPLICANT: Grossmann, Angelika
TITLE OF INVENTION: RING FINGER PROTEIN ZAPOP3
                                                                                                                                                                                                                            Query Match
Best Local Similarity 84.2
                                                                             Sequence 20, Appli
Patent No. 6440697
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY AGENT INFORMATION:
NAME: Francis, Carol L
REGISTRATION NUMBER: 36,513
REFERENCE/DOCKET NUMBER: 9076
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650.327-3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             09-009-816-16/c
FILE REFERENCE: 98-41
                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: German, Michael
APPLICANT: Permutt, M. Alan
APPLICANT: Inoue, Hiroshi
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ITILE OF INVENTION: Human Nkx-6.1 Polypeptide-Encoding
ITILE OF INVENTION: Nucleotide Sequences
                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Palo Alto
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                                                                                                                                                                                                          1531 ACAAGAAAATCCTGCAGCT 1549
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                                                                                                                                                                          19 ACGAGAAAATCACGCAGCT 1
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nucleic acid
NDEDNESS: single
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                                                                                           Application US/09434408
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285 Hamilton Ave, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
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Pred. No. 1e+03;
0; Mismatches 3;
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                                                       NUMBER OF SEQ ID NOS: 154
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 86
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                     Sequence 50, Appli
Patent No. 6440738
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Best Local
                                                                                                                                      FILE REFERENCE: RTS-0164
CURRENT APPLICATION NUMBER: US/09/780,175
CURRENT FILING DATE: 2001-02-08
                                                                                                                                                                                      APPLICANT: Susan M. Freier APPLICANT: Jacqueline Wyatt TITLE OF INVENTION: ANTISEN
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CURRENT FILING DATE: 2000-11-01
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APPLICANT:
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CÜRRENT FILING DATE: 1999-11-04
EARLIER APPLICATION NUMBER: US 60/108,258
EARLIER FILING DATE: 1998-11-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
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SOFTWARE: FastSEQ for Windows Version 3.0
                          OTHER INFORMATION: Antisense Oligonucleotide
                                             FEATURE:
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16; Conservative
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Sugan M. Freier
VENTION: ANTISENSE MODULATION OF CELLULAR APOPTOSIS SUSCEPTIBILITY GENE
                                                                                                                                                                                                                                                                                      Application US/09780175
                                                                                                                                                                                                                                       Robert McKay
                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                       ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
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Pred. No. 1e+0
0; Mismatches
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Pred. No. 1
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1e+03;
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Gaps

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APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0205
CURRENT APPLICATION NUMBER: US/09/791,211
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 33
LENGTH -
RESULT 782
US-09-517-467B-178/c
; Sequence 178, Application US/09517467B
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                                                                                                                                                                                                                OTHER INFORMATION: Oligonucleotide ZC13532 US-09-506-855-9
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US-09-791-211-33/c
                                                                                                                                               Query Match
Best Local S
Matches 16
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Best Local S
Matches 16
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LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9, Appli
Patent No. 644822
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Sheppard, Paul O.
APPLICANT: Lasser, Gerald W.
APPLICANT: Lasser, Gerald W.
APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND
TITLE OF INVENTION: IMMUNE FUNCTION
ELLE DEFENSE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-791-211-33
                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 50 SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 99-12
CURRENT APPLICATION NUMBER: US/09/506,855
CURRENT FILING DATE: 2000-02-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                               2492 GACAGGGATGAAGTACAAC 2510
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16; Conserv
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                                                                                  GAGAGGGCTGAAGAACAAC 19
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Pred. No. 1e+03;
0; Mismatches
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Pred. No. le
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TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR PILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 178
LENGTH: 20
TYPE: DNA
ORGANITO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 25
LENGTH: 20
TYPE: DNA
        NUMBER OF SEQ ID NOS: 89
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                               Sequence 26, Application US/09920672 Patent No. 6455308
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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                                                                                 TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
                                                                                                                                            APPLICANT: Mark J. Graham APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mark J. Graham
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: RTS-0251
                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
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   ORGANISM: Artificial Sequence
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Pred. No. 1e+03;
0; Mismatches
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Pred. No. 1e+03;
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RESULT 787
US-09-657-453A-34/c
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US-09-920-672-89/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-26
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CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 89
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                            Sequence 89, Application US/09920672
Patent No. 6455308
GENERAL INFORMATION:
APPLICANT: Mark J. Graham
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
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SEQ ID NO 39
LENGTH: 20
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GENERAL INFORMATION:
APPLICANT: Mark J. Graham
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
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Best Local Similarity
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                                                                                                                                                                                         OTHER INFORMATION: Antisense Oligonucleotide -09-920-672-89
                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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Local Similarity 84.2%;
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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RESULT 789
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US-09-657-453A-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Brett P. Moni
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION:
                                                                                                                                                                                                           SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Patent No. 6450001
Patent INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No. 6461810 GENERAL INFORMATION:
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                                                                                                        Matches
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Matches 16; Conserv
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                                                                                                                                    Query Match
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                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/0
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: JOHNSON, Marion D.
APPLICANT: FRESCO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Target OTHER INFORMATION: sequences
                                                                                                                    Local
                                                                        2805 GGAGAAAATGAAGAAGGAA 2823
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ilarity 84.2%;
Conservative
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                                                                                                                   Score 14.2; DB 1;
Pred. No. 1e+03;
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Pred. No. 1e+03;
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Sequence 37, Application US/09254322
Patent NO. 6465439
GENERAL INFORMATION:
APPLICANT: Nicklin, Paul
APPLICANT: Phillips, Judith
APPLICANT: Love, William
APPLICANT: Hamilton, Karen
TITLE OF INVENTION: Pharmaceutical Compositions
FILE REFERENCE: 4-21026/MA 2138/PCT

US-09-254-322-37

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; Sequence 20, Application US/09861159
; Patent No. 6485974
; GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Susan M. Frester
TITLE OF INVENTION: ANTISENSE MODULATION OF PTE
FILE REFERENCE: RTS-0243
; CURRENT APPLICATION NUMBER: US/09/861,159
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 20
; LENGTH: 20
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                                                                     APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Edward V. Wancewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TE
FILE REFERENCE: ISPH-0527
CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 108
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; OTHER INFORMATION: AntiBense Oligonucleotide
US-09-861-159-20
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US-09-861-159-20
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Best Local S
Matches 16
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CURRENT FILING DATE: 1999-03-04
EARLIER APPLICATION NUMBER: PCT/EP97/04796
EARLIER FILING DATE: 1997-09-03
NUMBER OF SEQ ID NOS: 53
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 37
                                   SEQ ID NO 21
LENGTH: 20
                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                             Sequence 21, Appli
Patent No. 6492171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                4190 GCTTTGTGTTTTCAGGAAA 4208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2984 GGCСАСАGАААСGСАGСТG 3002
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Pred. No. 1e+03;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 14.2; DB 1; Length 20; Pred. No. 1e+03;
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NUMBER OF SEQ ID NOS: 163
SEQ ID NO 128
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-09-898-361-128
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US-09-733-294A-39
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                                                                                                                                                                                                                                                                                                                                                       Sequence 128, Application Patent No. 6503152 GENERAL INFORMATION:
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GENERAL INFORMATION:
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SEQ ID NO 39
LENGTH: 20
                                                                 Query Match
Best Local &
                                                  Matches
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Best Local
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                                                                                                                                                                                                                                            APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Edward V. Wancewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: ISPH-0527
CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-12-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-05-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
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1534 AGAAAATCCTGCAGCTCAT 1552
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                                                                 Similarity
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                                                  Conservative
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Pred. No. 1e+03;
                                                               Score 14.2; DB:
Pred. No. 1e+03;
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Pred. No. 1e+03;
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                                                  Mismatches
                                                                                DB 1;
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                                                                                Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ANTIBODIES THAT BIND AN
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG
                                                                                     Query Match
Best Local (
                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 9 LENGTH: 20
                                                                      Matches
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                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/911,176B
CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: 09/118,408
PRIOR FILING DATE: 1998-07-17
PRIOR APPLICATION NUMBER: 60/053,154
PRIOR FILING DATE: 1997-07-18
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                                                                                                                                         09-911-176B-9
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                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 97-30D1
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                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                               TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                         OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                            FEATURE:
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                               2492 GACAGGGATGAAGTACAAC 2510
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Jeff Pucci
Greg Whited
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                                                                    Conservative
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Pred. No. 1e+03;
0; Mismatches 3;
                                                                                     Score 14.2;
Pred. No. 1
                                                                    Mismatches
                                                                                                                                                         ZC13532
                                                                                       1e+03;
                                                                                                    DB 1;
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US-09-422-978-7908
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OTHER INFORMATION: upstream amplification primer 99-5756 for SEQ 1705, US-09-422-978-5639
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-422-978-5639
Matches
                 Query Match
Best Local Similarity
                                                                                                                                                                                                   SEQ ID NO 7908
LENGTH: 20
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Sequence 7908, Application US/09422978
Patent No. 6537751
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Best Local 9
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Patent No. 653775
                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850.
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
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CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
                                                                                                                                                                                                                                                           EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
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                                                                                     NAMB/KEY: primer bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-12575 for
                                                                                                                                               ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cohen, Dania
APPLICANT: Blumenfeld,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ
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ORGANISM: Homo Sapiens
                                                                                                                                                                                   TYPE: DNA
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Conservative
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                 0.3%;
84.2%;
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                 Score 14.2;
Pred. No. 1
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Pred. No. 1
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); Mismatches
Mismatches
                 1e+03;
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                                Length
Indels
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                                                              ; OTHER INFORMATION: downstream amplification primer 99-11788 for SEQ 2554, in complem US-09-422-978-10419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-422-978-10419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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Matches
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
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                                                                                                                                                                                                                                SEQ ID NO 10419
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                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY:
                                                                                                     NAME/KEY: primer_bind
LOCATION: 1..20
                                                                                                                                                                 ORGANISM: Homo Sapiens
                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: downstream amplification primer 99-15098 for SEQ 519,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: primer_bind
LOCATION: 1..20
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es 16; Conservative
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0.3%;
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Pred. No. 1e+03;
0; Mismatches
Score 14.2; DB 1;
Pred. No. 1e+03;
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APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Dean, Nicholas M.
APPLICANT: Dorr, F. Andrew
TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kin
FILE REFERENCE: ISIS4954
CURRENT APPLICATION NUMBER: US/10/025,139
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR FILING DATE: 1997-03-31
PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR APPLICATION NUMBER: US 08/48,178
PRIOR APPLICATION NUMBER: US 08/48,178
PRIOR APPLICATION NUMBER: US 08/48,599
PRIOR APPLICATION NUMBER: US 08/48,599
PRIOR APPLICATION NUMBER: US 08/48,599
PRIOR APPLICATION NUMBER: US 07/852,852
PRIOR APPLICATION NUMBER: US 07/852,852
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US-08-894-454-21
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LENGTH: 20
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/894,454
FILING DATE: 15-AUG-1997
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: VAN DE
APPLICANT: SCHOEN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                          COUNTRY: USA
ZIP: 15219-1818
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: MUTITLE OF INVENTION: GENUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                          ADDRESSEE: The Webb Law Firm STREET: 700 Koppers Building,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1326 TCATCCATTGAAGACAAGG 1344
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Pred. No. 16
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                                                                                                                                                                                                                                                                              436 Seventh Avenue
                                                                                                                                                                                                                                                                                                                                                                        ABERRENT GROWTH
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PRIOR APPLICATION DATA:

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Sequence 9, Application US/U9619/
Patent No. 6544946
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Lasser, Gerald W.
APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: INHIBITORS
RESULT 803
US-09-705-267A-62/c
; Sequence 62, Application US/09705267A
; Patent No. 6551826
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                                                                                                                                                                                                                                                                             ) OTHER INFORMATION: Oligonucleotide ZC13532
US-09-619-740-9
                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 9
LENGTH: 20
                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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FILING DATE: 19-FEB-1996
APPLICATION NUMBER: 95200390.3
FILING DATE: 17-FEB-1995
APPLICATION NUMBER: 95201951.1
FILING DATE: 14-JUL-1995
APPLICATION NUMBER: 95201951.1
FILING DATE: 14-JUL-1995
ATTORNEY/AGENT INFORMATION:
NAME: Johnson, Barbara E
REGISTRATION NUMBER: 31,198
REFERENCE/DOCKET NUMBER: 702-971100
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412-471-8815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -09-619-740-9
                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 09/506,855
PRIOR FILING DATE: 2000-02-17
NUMBER OF SEQ ID NOS: 55
SOFTWARE: FASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/619,740
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/253,604
PRIOR FILING DATE: 1999-02-19
PRIOR APPLICATION NUMBER: 09/444,794
PRIOR FILING DATE: 1999-11-22
PRIOR APPLICATION NUMBER: 09/506,855
PRIOR APPLICATION NUMBER: 09/506,855
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                             2492 GACAGGGATGAAGTACAAC 2510
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                                                                                                                       GAGAGGGCTGAAGAACAAC 19
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Pred. No. 1e+03;
                                                                                                                                                                                                                 Score 14.2;
Pred. No. 16
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                                                                                                                                                                                                                   1e+03;
                                                                                                                                                                                                                                 DB 1;
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                                                                                                                                                                                                                                 Length 20;
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US-09-705-267A-167/c
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                                                                                                                                                                                                                                                         RESULT 805
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-09-705-267A-167
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SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 177
SEQ ID NO 167
LENGTH: 20
                                                                                                                                                                                GENERAL INFORMATION:
               NUMBER OF SEQ ID NOS:
SEQ ID NO 1329
                                                                                                                                                                                                   Sequence 1329, Application US/09198452A Patent No. 6559294
                                                                                                                                                                                                                                                                                                                                                                                      Matches
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Best Local Similarity
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 6551826
                                                                                       APPLICANT: Griffais, R. TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnory TITLE OF INVENTION: and treatment of infection FILE REFERENCE: 9710-003-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISSNE MODULATION OF RAIDD
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
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APPLICANT: Susan M. I
APPLICANT: Andrew T.
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TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
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APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
                                                     CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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LENGTH: 20
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Pred. No. 1
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Pred. No. 1e+03;
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ORGANISM: Chlamydia pneumoniae

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RESULT 808
US-09-198-452A-4014
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US-09-198-452A-3148/c
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US-09-198-452A-1354
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Best Local S
Matches 16
Sequence 4014, Application Patent No. 6559294 GENERAL INFORMATION:
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LENGTH: 20
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GENERAL INFORMATION:
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SEQ ID NO 1354
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Patent No. 6559294
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Best Local
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragitate of INVENTION: thereof and uses thereof, in particular for the diagnosis, TITLE OF INVENTION: and treatment of infection FILE REFERENCE: 9710-003-999
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagno:
TITLE OF INVENTION: and treatment of infection
FILE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION UNMBER: US/09/198,452A
CURRENT FILENG DATE: 1998-11-24
                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Chlamydia
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ORGANISM: Chlamydia
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Pred. No. 1e+03;
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Pred. No. 1
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US-09-198-452A-6018/c
; Sequence 6018, Application US/09198452A
; Patent No. 6559294
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                                                                      US-09-198-452A-6018
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4648
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6618
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4014
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APPLICANT: Griffais,
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Patent No. 655929
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Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                               TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve TITLE OF INVENTION: and treatment of infection FILE REFERENCE: 9710-003-999
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                                                                                     ORGANISM: Chlamydia
                                                                                                        TYPE: DNA
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              Score 14.2; DB
Pred. No. 1e+03;
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Pred. No. 1
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6317
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6232
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US-09-198-452A-6232/c
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Sequence 6458, Application US/09198452A
PATENT NO. 6559294
GENERRAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preventive of INVENTION: and treatment of infection
FILE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION UNMERE: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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PAtent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos
TITLE OF INVENTION: and treatment of infection
TITLE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6232
LENGTH: 20
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Matches
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LENGTH: 20
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT FILING DATE: 1998-11-24
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                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
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Pred. No. 1e+03;
0; Mismatches 3;
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SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 9
LENGTH: 20
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Patent No. 6593456
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Matches :
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SEQ ID NO 6458
                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzymore
TITLE OF INVENTION: of Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/506,852
CURRENT FILING DATE: 2000-02-17
EARLIER APPLICATION NUMBER: 60/053,154
EARLIER FILING DATE: 1997-07-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
FILE REFERENCE: 97-30
                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatibl
OPERATING SYSTEM: Windo
SOFTWARE: FASTSEQ for W
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ORGANISM: Artificial
FEATURE:
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             OPERATING SYSTEM: Windows
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON
                                                                                                                                         CITY:
STATE:
                                                                                                        COUNTRY: USA
ZIP: 94304-1018
APPLICATION NUMBER:
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US/09/081,385
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Pred. No. 1e+03;
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Pred. No. 1
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US-09-112-580-51
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US-09-780-045-23
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              Sequence 51, Application US/09112580
PATENT NO. 6610539
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping
APPLICANT: DUGOURD, Dominique
APPLICANT: DUGOURD, Dominique
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
TITLE OF INVENTION: MICROCORGANISMS
FILE REFERENCE: 032396-016
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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LENGTH: 20
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/780,045
CURRENT FILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 135
                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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REFERENCE/DOCKET NUMBER: 22:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                       494 GAGGAGGCCCACGCCACC 512
APPLICATION NUMBER: US/09/112,580
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Pred. No. 1e+03;
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US-09-112-580-51
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                                                                 SOFTWARE: PatentIn version 3.2
SEQ ID NO 52
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 88
LENGTH: 20
TYPE: DNA
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SEQ ID NO 51
LENGTH: 20
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                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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Best Local Similarity 84.2%;
                                                                                                                                   APPLICANT: Alferov, Oleg
APPLICANT: Kukhtin, Alexander
TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
TITLE OF INVENTION: POSITIONING
FILE REFERENCE: ANI-IN-01-052
FILE REFERENCE: ANI-IN-01-052
                                                                                                                                                                                                                                                                                                                     Sequence 52, Appl Patent No. 662062
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APPLICANT: Mark P. ROBCH
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
                                                                                                                     CURRENT APPLICATION NUMBER: US/10/139,842B
CURRENT FILING DATE: 2002-05-06
NUMBER OF SEQ ID NOS: 74
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CURRENT FILING DATE: 2001-12-18
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EARLIER APPLICATION NUMBER: US (
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 265
                                                                                                                                                                                                                                        APPLICANT: The University of Chicago APPLICANT: Yershov, Gennadiy APPLICANT: Alferov, Oleg
                                  TYPE: DNA ORGANISM: Artificial
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OTHER INFORMATION: Antisense Oligonucleotide
OTHER INFORMATION: Completely Synthesized
                FEATURE:
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Pred. No. 16
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PRIOR APPLICATION NUMBER: US/08/678,737
PRIOR APPLICATION NUMBER: US/08/878,737
PRIOR FILLING DATE: 1997-06-19
PRIOR PILLING DATE: 1996-06-20
PRIOR PILLING DATE: 1996-06-20
PRIOR APPLICATION NUMBER: 60/026,753 PV2
PRIOR APPLICATION NUMBER: 60/026,753 PV2
PRIOR APPLICATION NUMBER: 60/026,753 PV2
PRIOR PILLING DATE: 1996-09-26
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US-09-202-684-2
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                                                                                                                                       NUMBER OF SEQ ID NOS: 9
SOFTWARE: FRANTSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Morey, Manal A.
APPLICANT: Gu, Ming Cheng
APPLICANT: Zhao, Jing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/09202684 Patent No. 6630346
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 74
LENGTH: 20
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Best Local Similarity
    Query Match
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                                                                                                                                                                                                                                                                                                                                    APPLICANT: Zhao, Jing
APPLICANT: Caskey, C. Thomas
APPLICANT: Kochanek, Stefan
TITLE OF INVENTION: GENE THERAPY FOR OBESITY
FILE REFERENCE: 19725Y
CURRENT APPLICATION NUMBER: US/09/202,684
CURRENT FILING DATE: 1999-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: The University of Chicago
APPLICANT: Yershov, Gennadiy
APPLICANT: Alferov, Oleg
APPLICANT: Alferov, Oleg
APPLICANT: Kukhtin, Alexander
TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
TITLE OF INVENTION: POSITIONING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: ANL-IN-01-052
CURRENT APPLICATION NUMBER: US/10/139,842B
CURRENT FILING DATE: 2002-05-06
                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                          OTHER INFORMATION: PCR primer
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  Score 14.2;
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Pred. No. 1e+03;
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  DB 1;
Length 20;
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RESULT 823
US-09-907-794A-124
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: TOMIZUKA, I
APPLICANT: YOSHIDA, I
APPLICANT: HANAOKA, I
APPLICANT: OSHIMURA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/09033936 Patent No. 6632976
                                                                                                                                Matches
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APPLICANT: HANAOKA, KAZUNORI
APPLICANT: OSHMURA, MITSUO
APPLICANT: ISHIDA, ISAO
TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING
FILE REFERENCE: 081356/0114
CURRENT APPLICATION NUMBER: US/09/033,936
CURRENT FILING DATE: 1998-03-02
                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/JP96/02427 PRIOR FILING DATE: 1996-08-29
                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                              Match 0.3%;
Local Similarity 84.2%;
                                                                                   1740 TGGAACATGGGTAACGCCC 1758
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                                                                                                                                               Score 14.2;
Pred. No. 1
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0; Mismatches
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                                                                                                                                                             DB 1;
                                                                                                                                                               Length 20;
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Sequence 124, Application US/09907794A Patent No. 6635468 GENERAL INFORMATION: Patent No. APPLICANT:
APPLICANT:
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APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT APPLICANT: APPLICANT: APPLICANT: Genentech, Inc. Ashkenazi, Avi Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P. Roy, Margaret Ann Timothy A. Godowski, Paul J. Grimaldi, Christopher J. Gerritsen, Mary E. Gerber, Hanspeter Ferrara, Napoleone Filvaroff, Ellen Ashkenazi, Avi Botstein, David Goddard, A. Tumas, Daniel Paoni, Desnoyers, Luc Baton, Dan L. James Wei-Qiang Sherman Nicholas F.

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Patent No. 664376

GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Filvaroff, Ellen
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Best Local S
Matches 16
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PRIOR FILING DATE: 1
PRIOR APPLICATION NU
PRIOR FILING DATE: 1
PRIOR APPLICATION NU
PRIOR FILING DATE: 1
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SEQ ID NO 124
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe -09-907-794A-124
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CURRENT APPLICATION NUMBER: US/09/907,794A
CURRENT FILING DATE: 2001-07-17
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                                              APPLICANT
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PRIOR FILING DATE: 2000-02-22
                        APPLICANT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
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APPLICATION NUMBER: US 60/145,698
FILING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
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APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
                                                                                                                                                                                                                                                                                                                                                                                                             2701
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APPLICATION NUMBER: PCT/US99/28564
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APPLICATION NUMBER: PCT/US99/28214
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APPLICATION NUMBER: PCT/US99/21090
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                                                                                                                                                                                                                                                                                                                                                                                                             TTGAGTTTCTCAGGTGCTA 2719
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        Fong, Sherman
Gao, Wei-Qiang
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llarity 84.2%;
Conservative
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Hanspeter
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APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,125A
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: US 60/04414
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-09-18
PRIOR FILING DATE: 1999-09-18
PRIOR APPLICATION NUMBER: PCT/US99/2094
PRIOR APPLICATION NUMBER: PCT/US99/2094
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-29
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                                                                                                                                                                                            ; OTHER INFORMATION: US-09-905-125A-124
                                                                                            Query Match
Best Local S
Matches 16
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SEQ ID NO 124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR APPLICATION NUMBER: PCT/US99/30091
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
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                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
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                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide probe
                                                                                                                                                                                                                                                                                                                 LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                            Local Similarity
les 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
FILING DATE: 1999-12-20
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                                             TTGAGTTTCTCAGGTGCTA 2719
  TTGCCTTACTCAGGTGCTA 19
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Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Godowski, Paul J.
Grimaldi, Christopher J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Williams, P. Mi Wood, William,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Stewart
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Hillan, Kenneth, J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gerritsen,
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                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     P. Mickey
                                                                                                              0.3%;
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                                                                                                                     Score 14.2;
Pred. No. 1e
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1e+03;
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                                                                                                                                         Length 20
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Sequence 130, Application US/09495714C

Patent No. 6670465

GENERAL INFORMATION:

APPLICANT: University Technologies International Inc.

TITLE OF INVENTION: REFINAL CALCIUM CHANNEL (ALPHA) IF-SUBUNIT GENE

TITLE OF INVENTION: REFINAL CALCIUM CHANNEL (ALPHA) IF-SUBUNIT GENE

TILE REFERENCE: 45499.4 (formerly 45074.6)

CURRENT APPLICATION NUMBER: US/09/495,714C

CURRENT FILING DATE: 2000-02-01

NUMBER OF SEQ ID NOS: 138

SOFTWARE: Patentin version 3.1

SEQ ID NO 130

LENGTH: 20

TYPE: DNA

ORGANISM: Homo sapiens
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Sequence 125, Application US/09495714C
Sequence 125, Application US/09495714C
FATENT NO. 6670465
GENERAL INFORMATION:
APPLICANT: University Technologies International Inc.
FITILE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
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; ORGANISM: Homo sapiens
US-09-495-714C-125
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                                       US-09-495-714C-130
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Patent No. 6670465
GENERAL INFORMATION:
APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
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SOFTWARE: Patentin version 3.1
SEQ ID NO 125
LENGTH: 20
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  Query Match
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SOFTWARE: PatentIn version
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ORGANISM: homo sapiens
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les 16; Conserv
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Local Similarity 84.2%;
nes 16; Conservative
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; Pred. No. 1e+0
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Pred. No. 1e+03;
Score 14.2;
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Length 20;
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GENERAL INFORMATION:

APPLICANT: Knipp, Gregory T.

APPLICANT: Rutgers, The State University of New Jersey

APPLICANT: Rutgers, The State University of New Jersey

TITLE OF INVENTION: No. 6683169el Compositions for the Exp.

TITLE OF INVENTION: Histidine Transporter 1 and Methods o.

FILE REFERENCE: Rutgers 00-0126:

CURRENT APPLICATION NUMBER: US/09/870,956

CURRENT FILING DATE: 2001-05-31

PRIOR FILING DATE: 2000-05-31
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RESULT 830
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US-09-495-714C-131
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GENERAL INFORMATION:
APPLICANT: University Technologies International Inc.
APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
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pest Local Similarity 84.2%;
Matches 16; Conservarion
                                                                                                                                                                                                                                                                                         SEQ ID NO 33
LENGTH: 20
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LENGTH: 20
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                                                                                                                              Matches
                                                                                                                                                               Query Match
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Patent No. 6683169
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SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 56
SOFTWARE: FastSEQ for Windows Version
                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                         FEATURE:
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                                                                                                                                             Local Similarity
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                                                                                          3921 ACGCCGCGCCGCCGCTGC 3939
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                                                                                                                          0.3%; Score 14.2; ilarity 84.2%; Pred. No. 1. Conservative 0; Mismatch
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Pred. No. 1
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0; Mismatches
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ds of Use Thereof
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US-09-902-775A-124

Sequence 124, Application US/09902775A Patent No. 6686451

GENERAL INFORMATION:

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SEQ ID NO 124
LENGTH: 20
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,775A
CURRENT FILING DATE: 2001-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Williams P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe
                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/145,698 FILING DATE: 1999-07-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NT FILING DATE: 2001-07-10
APPLICATION NUMBER: PCT/US00/04414
                                                                                                                                                                               APPLICATION NUMBER: PCT/US00/00219 FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/146,222 FILING DATE: 1999-07-28
                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/28565 FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/28313
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/30999 FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/30911
                                                                                                                                                                                                                                                                                                                  FILING DATE: 1999-12-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                                                                                      FILING DATE: 1999-12-20
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Williams, P. Mickey
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Ashkenazi, Avi
Botstein, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gerritsen, Mary E.
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Filvaroff, Ellen
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Eaton, Dan L.
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art, Timothy A.
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US-09-906-700-124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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SEQ ID NO 76
LENGTH: 20
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Patent No. 6723535
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Best Local Similarity
                                                                               APPLICANT:
                                                                                                                                      APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/967,669
CURRENT FILING DATE: 2001-09-28
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        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
                                                     APPLICANT:
                                                                    APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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     r: Williams, P. Mickey
T: Wood, William, I.
INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
INVENTION: Acids Encoding the Same
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                                                                              Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                 Gurney, Austin L.
Hillan, Kenneth, J.
                                                                                                                                                                                            Godowski, Paul J.
Grimaldi, Christopher J.
                                                                                                                                                                                                                                   Gerritsen, Mary E
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Filvaroff, Ellen
                                                                  Tumas, Daniel
                                                                                                           Paoni, Nicholas F.
                                                                                                                                      Kljavin, Ivar J.
Mather, Jennie P.
                                                                                                                                                                                                                         Goddard, A.
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Eaton, Dan L.
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Botstein, David
                                                                                                                         Pan, James
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10466-14
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Pred. No. 1e
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CURRENT APPLICATION NUMBER: US/09/906,700

2000-09-18

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CURRENT APPLICATION NUMBER: US/09/758,881
CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: PCT/US00/09054
PRIOR FILING DATE: 2000-04-06
PRIOR PPLICATION NUMBER: 09/288,461
PRIOR FILING DATE: 1999-04-09
NUMBER OF COLUMBER: 1999-04-09
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Best Local (
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LENGTH: 20
                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                           Sequence 132, Appl Patent No. 6727064
                                                                                                                                                                                  APPLICANT: Karras, James G
TITLE OF INVENTION: Antisense (
TITLE OF INVENTION: Expression
    NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn V
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15
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FILING DATE: 1999-09-08
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APPLICATION NUMBER: PCT/US99/28313
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16; Conserv
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PatentIn Ver.
                                                                                                                                                                                                                                                                                            Application US/09758881
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Pred. No. 1
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1e+03;
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PRIOR APPLICATION NUMBER: 09/358,972
PRIOR PILLING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR FILING DATE: 1998-03-13
NUMBER OF SEQ ID NOS: 290
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 113
LENGTH: 20
                                                                                                                         US-09-529-239D-62/c
; Sequence 62, Application US/09529239D
; Patent No. 6734019
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                                                                                                              GENERAL INFORMATION:
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Best Local S
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Best Local 9
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT: Freyssinet, Georges
APPLICANT: Perex, Pascal
TITLE OF INVENTION: METHOD FOR OBTAINING PLANT VARIETIES
FILE REFERENCE: A33153-PCT-USA 072667.0128
CURRENT APPLICATION NUMBER: US/09/529,239D
                                               APPLICANT: Doutriaux, Marie-Pascale
APPLICANT: Betzner, Andreas
APPLICANT: Freyseinet, Georges
APPLICANT: Perez, Pascal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Nucleic Acid Detection FILE REFERENCE: Pro-103 6868/75528 CURRENT APPLICATION NUMBER: US/09/790,417 CURRENT FILING DATE: 2001-02-22
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APPLICANT: Lewis, Martin K.
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                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: probe for human
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Wood, Keith W.
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Rhodes, Richard B.
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Pred. No. 1e+0
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Pred No. 1
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1e+03;
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; OTHER INFORMATION: Oligonucleotide primer US-09-858-152B-14
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OTHER INFORMATION: Forward primer for PCR amplification of AthBIO2

OTHER INFORMATION: SSLP marker in Arabidopsis thaliana subspecies.

US-09-529-239D-62
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Sequence 26, Application US/09574779B
PATENT NO. 6767720
GENERRAL INFORMATION:
APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL
TITLE OF INVENTION: No. 6767720el cDNAs encoding catenin-bind:
TITLE OF INVENTION: function in signalling and/or gene regul:
TITLE REFERENCE: 2676-4415US
CURRENT APPLICATION NUMBER: US/09/574,779B
CURRENT APPLICATION NUMBER: US/09/574,779B
PRIOR APPLICATION NUMBER: 99201543.8
PRIOR FILING DATE: 1999-05-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/858,152B
CURRENT FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: 09/858,152
PRIOR FILING DATE: 2001-05-14
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin version 3.2
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/EP98/06977
PRIOR FILING DATE: 1998-10-09
NUMBER OF SEQ ID NOS: 100
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 62
                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA A
APPLICANT: REPRESENTED BY THE SECRETARY OF THE DEPARTMENT
APPLICANT: HUMAN SERVICES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 14, Application US/09858152B Patent No. 6737251
                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Marchetti, Antonio
APPLICANT: Buttitta, Flamma
APPLICANT: Smith, Gilbert H.
APPLICANT: Callahan, Robert
TITLE OF INVENTION: NUCLEOTIDE AND DEDUCED AMINO ACID SEQUENCES
FILE REFERENCE: 4239-59122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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Pred. No. 1
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or gene regulation
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-574-779B-26
                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-917-963-29
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APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUT VOOR BIOTECHNOL
APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUT VOOR BIOTECHNOL
TITLE OF INVENTION: 6767720el cDNAs encoding catenin-binding proteins with
TITLE OF INVENTION: function in signalling and/or gene regulation
FILE REFERENCE: 2676-4415US
CURRENT APPLICATION NUMBER: US/09/574,779B
CURRENT APPLICATION NUMBER: US/09/574,779B
CURRENT FILING DATE: 2000-05-19
PRIOR APPLICATION NUMBER: 99201543.8
PRIOR FILING DATE: 1999-05-17
NUMBER OF SEQ ID NOS: 158
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                          NUMBER OF SEQ ID NOS: 137
SEQ ID NO 29
                                                                                                                                                                                                                                                                                                                                                                           Sequence 29, Application US/09917963 Patent No. 6767739
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 16; Conserv
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Patent No. 6767720
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                  Query Match
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Best Local Similarity
                                                                                                                                                                                                             APPLICANT: ROBATINE M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0591
CURRENT APPLICATION NUMBER: US/09/917,963
CURRENT FILING DATE: 2001-07-30
                                                                            OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                       TYPE: DNA
                                                                                                  FEATURE:
                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                          ENGTH: 20
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Pred. No. 1e+03;
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Pred. No. 1e+03;
Score 14.2; DB Pred. No. 1e+03;
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RESULT 840
US-09-903-603A-124
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: GNE.1618P2C12
CURRENT APPLICATION NUMBER: US/09/903,603A
CURRENT FILING DATE: 2001-07-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/145,698 PRIOR FILING DATE: 1999-07-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/143,048 PRIOR FILING DATE: 1999-07-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic ITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
                                                                          APPLICATION NUMBER:
                                                                                                                  APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/146,222
                                                                                                                                                  APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                                          APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/21547
                                      APPLICATION NUMBER: PCT/US99/30911
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Hillan, Kenneth, J.
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Stewart, Timothy A.
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Grimaldi, Christopher
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Filvaroff, Ellen
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Eaton, Dan L.
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                                                            1999-12-16
                                                                                                  1999-12-02
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                                                                                                                                                                                                                                                                                             1999-09-15
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                                                                            PCT/US99/30095
    PCT/US99/30999
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US-09-575-554-20/c
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SEQUENCE
US-09-575-554-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 20, Application Patent No. 6784290 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 124
LENGTH: 20
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                  INFORMATION FOR SEQ ID NO: 20 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/128,494

FILING DATE: August 3, 1998

APPLICATION NUMBER: 08/411,734

FILING DATE: April 3, 1995

APPLICATION NUMBER: PCT/US93/09346

FILING DATE: October 1, 1993

APPLICATION NUMBER: 07/958,134

FILING DATE: October 5, 1992

APPLICATION NUMBER: 08/007,996

FILING DATE: January 21, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: ISPH-0463 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 08053
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
                                      ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Monia, B.P., Cowsert, L.M. and Manoharan, M. TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2701 TTGAGTTTCTCAGGTGCTA 2719
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Similarity 84.2%;
                                                                        TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/575,554 FILING DATE: 22-May-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 for WINDOWS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TTGCCTTACTCAGGTGCTA 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: NJ
                                                                                                                                                                        TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 66 East Main Street
                                                          TOPOLOGY: Linear
                                                                                                                  LENGTH:
                                                                                                                                                                                          TELEPHONE:
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                    DESCRIPTION: SEQ ID NO:
                                                                                                                                                                      (856)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Jane Massey Licata
                                                                                                                                                                                              (856) 810-1515
                                                                                                                                                                          810-1454
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                      20
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; OTHER INFORMATION: synthetic DNA
US-09-622-583-14
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CURRENT FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: PCT/FR99/00386
PRIOR FILING DATE: 1999-02-19
PRIOR APPLICATION NUMBER: FR 98 02071
PRIOR APPLICATION NUMBER: FR 98 09470
PRIOR FILING DATE: 1998-02-20
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 23
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                  CURRENT APPLICATION NUMBER: US/09/622,583
CURRENT FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: PCT/FR99/00386
PRIOR FILING DATE: 1999-02-19
PRIOR APPLICATION NUMBER: FR 98 02071
PRIOR FILING DATE: 1998-02-20
PRIOR APPLICATION NUMBER: FR 98 09470
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 23
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Best Local S
Matches 16
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Best Local Similarity
Matches 16; Conserv
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Patent No. 6790638
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SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                            APPLICANT: PAUL, PABGALE
APPLICANT: ROUS-FREISS, Nathalie
TITLE OF INVENTION: METHOD FOR SELECTING TUMORS EXPRESSING HLA-G,
TITLE OF INVENTION: TREATMENT AND USES
FILE REFERENCE: 195707USOPCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: PAUL, PASCALE
APPLICANT: ROUS-FREISS, NATHALIE
TITLE OF INVENTION: METHOD FOR SELECTING TUMORS EXPRESSING HLA-G,
TITLE OF INVENTION: TREATMENT AND USES
FILE REFERENCE: 195707USOPCT
                                                                                                                                                                                                                                                                                                APPLICANT: CAROSELLA, Edgardo
APPLICANT: DAUSSET, Jean
APPLICANT: MOREAU, Phillippe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: CAROSELLA, Edgardo
APPLICANT: DAUSSET, Jean
APPLICANT: MOREAU, Phillippe
SOFTWARE: PatentIn version
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TYPE: DNA
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Pred. No. 1e+03;
0; Mismatches
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-622-583-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Artificially Synthesized US-10-006-611-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  밁
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 17
LENGTH: 20
                                                                                                                                                                                                                                                                                       Sequence 16, Application PC/TUS9105815 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.3%;
Best Local Similarity 84.2%;
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APPLICANT: Ose, Asuka
APPLICANT: Jishage, Kou-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Jenne, Dieter E.
TITLE OF INVENTION: LKB1 GENE KNOCKOUT ANIMALS
FILE REFERENCE: 06501-094001
CURRENT APPLICATION NUMBER: US/10/006,611
CURRENT FILING DATE: 2002-04-16
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: JP 11/153030 PRIOR FILING DATE: 1999-05-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/JP00/03504
PRIOR FILING DATE: 2000-05-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                              NUMBER OF SEQUENCES: CORRESPONDENCE ADDRESS ADDRESSEE: Woodcock
                                                                                                                                                                                                                  APPLICANT: Anderson, Kevin P.
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: Oligonucleotides for Modulating
TITLE OF INVENTION: the Effects of Cytomegalovirus
                                                                                                        STREET: One Liberty Place -- CITY: Philadelphia
                                                                                                                                               ADDRESSEE: Norris
                                                                                                                                                                                                                                                                                                                                                                                                                                    4826 TCTCCAGTGGAGAGATCTG 4844
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 DISKETTE,
STORAGE
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                    3.5 INCH, 1.44 Mb
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Pred. No. 1e+03;
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Pred. No. 1e+03;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
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PCT-US91-05815-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                      APPLICATION NUMBER: PCT/US
FILING DATE: 19930225
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,85
FILING DATE: MARCH 16, 199
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -US93-02213-37
                                                TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: 1
                                                                                                                                                                                                                                           SOFTWARE: NUMBER: PCT/US93/02213
                                                                                       REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0872
TELECOMMUNICATION NEFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOPTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US
FILING DATE: 19910814
                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Oligonucleotide Modulation of Protein TITLE OF INVENTION: Kinase C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                             COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                              STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER:
                                                                            TELEPHONE:
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                ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          664 ACACTTACAGAATTCTGCC 682
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       16;
                                                                                                                                                                                                                                                                                                                                                                  19103
                                                                                                                                    Jane Massey Licata
NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Licata, Jane M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AGACTTACCGACTTCTGCC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                               One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Nicholas Dean, C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                 USA.
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                                                                          568-3100
                                                                                                                                                                                       852,852
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                                                                                                                                                                          1992
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Pred. No. 16
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                                                                                                                                                                                                                                                                                                                                  1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1e+03;
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CTERISTICS:
20 base pairs
20 base pairs
NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DN'
PCT-US93-03868-7
Query MOLECULE TYPE: DN'
PCT-US93-03868-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
ANTI-SENSE: yes
PCT-US93-02213-37
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PCT-US93-03868-7
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APPLICATION NUMBER: US/07/939,/6/
FILING DATE: 02-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/873,438
PILING DATE: 04-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 0287A-24-1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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Best Local Similarity 84.2%;
Matches 16; Conservative
                                                            Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 7, Application PC/TUS9303868 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: UNE FRANCISCO CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend
STREET: One Market Plaza, Steuart Tower, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Zarli
APPLICANT: Sena,
                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PILING DATE: 19930423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2984 GGCCACAGAAACGCAGCTG 3002
                          349 стересесстерарскей 367
2 CAGAGTACCTGAAACAGGA 20
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                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Zarling, David A.
Sena, Elissa P.
                                                                                                                                         DNA (primer)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       single
                                                                           0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            In Vivo Homologous Sequence
Targeting in Eukaryotic Cells
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                                                                                                                                                                                                                                          7:
                                                            0,
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                                                                             Score 14.2; DB Pred. No. 1e+03;
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                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 20
                                                                                          Length 20;
                                                             Indels
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                                                             Gaps
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RESULT 848
PCT-US93-07917-1
; Sequence 1, Application PC/TUS9307917

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Best Local S
Matches 16
                                                                                                                                                                                                                                                                                                                                              Sequence 37, Applicat GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Stanley P.
REGISTRATION NUMBER: 24,344
REFERENCE/DOCKET NUMBER: 92-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-748-6868
STREET: One Liberty Place CITY: Philadelphia STATE: PA COUNTRY: USA ZIP: 19103 COMPUTER READABLE FORM: MEDIUM TYPE: STORAGE COMPUTER: IBM PS/2 OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 510-748-6688 (NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT
                                                                                                                                                                                                                                                   TITLE OF INVENTION: Oligonucleotide Modulation of TITLE OF INVENTION: Protein NUMBER OF SEQUENCES: 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                          APPLICANT: Nicholas Dean, C. Frank Bennett and APPLICANT: Russell T. Boggs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Kunzelmann, Karl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Gruenert, Dieter C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 1320 r
CITY: Alameda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                          ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    349 СТGАGСGССТGАААСАGGA 367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 CAGAGTACCTGAAACAGGA 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: FISHER & ASSOCIATES
1320 Harbor Bay Parkway, Suite 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19930820
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.3%; Score 14.2; DB 1; Length 20; 84.2%; Pred. No. 1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HOMOLOGOUS RECOMBINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPOSITION AND METHOD FOR ALTERING DNA SEQUENCES BY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US 07/933,471
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                                                             3.5 INCH, 1.44 Mb
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0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 8, Application PC/TUS9500163
GENERAL INFERMATION:
APPLICANT: Cohen, Aharon S.
APPLICANT: Bourque, Andre
APPLICANT: Vilenchik, Maria
TITLE OF INVENTION: Method for Analyzing
TITLE OF INVENTION: Oligonucleotide Analogs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/00163
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:

APPLICATION NUMBER: 852,852

FILING DATE: MARCH 16, 1992

APPLICATION NUMBER: 08/089,996

FILING DATE: July 9, 1993

APPLICATION NUMBER: 08/199,779

FILING DATE: February 22, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Rebecca Ralph Gaumond

REGISTRATION NUMBER: 35,152

REFERENCE/DOCKET NUMBER: 35:152

REFERENCE/DOCKET NUMBER: 15IS-15.

TELECOMMUNICATION INFORMATION:

TELEDHONE: (215) 568-3100
TELEFAX: 617/330-1311
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (215) 568-343:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                         ATTORNEY/AGENT INFORMATION:
NAME: KETNEY, ANN-LOUISE
REGISTRATION UNMBER: 33,523
REFERENCE/DOCKET NUMBER: HY
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: line
ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                   STATE: N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (215) 568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: h
CLASSIFICATION:
                                                          TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                          Massachusetts
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                                         617/330-1311
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                                                            617/330-1300
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84.2%; Pred. No. 1e+03;
ative 0; Mismatches 3; Indels
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                                                                                                      HYZ-012PCT
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RESULT 852
PCT-U896-09388-75
; Sequence 75, Application PC/TUS9609388
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PCT-US96-09388-74
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PCT-US95-00163-8
                                                                               문
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GENERAL INFORMATION:
GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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Best Local (
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                                                                                                                                                                                                                                                                                                                          TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                  MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION: NAME: Reed, Janet E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Therapeutic Oligonucleotides TITLE OF INVENTION: Targeting the Human MDR1 and NUMBER OF SEQUENCES: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Reed, Janet E. REGISTRATION NUMBER: 36,252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: 12-JUI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: .PCT/US96/09388
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wes 16; Conserv
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                                                                               GATGATGGCGGCGATGGGC 19
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Pred. No. 1e+03;
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                                                                                                                                                                                                                                                                                        Patent No. 6727063
GENERAL INFORMATION:
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                                APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825, 1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT APPLICATION NUMBER: US 60/153,357
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR PILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
                                                                                                                                                                                                                                                    APPLICANT: Lander, Bric S. APPLICANT: Cargill, Miche
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PRIOR APPLICATION NUMBER: US 60/225,724 PRIOR FILING DATE: 2000-08-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 01
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE NUMBER YES
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LENGTH: 20 base pairs
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COMPUTER READABLE FORM:
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TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/
FILING DATE: 07-JUN-1995
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
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TOPOLOGY: not
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                                                                                                                                                                                                                                     Cargill, Michele
Ireland, James S
                                                                                                                                                                                                                  Bolk, Stacey
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1601 Market Street Suite 720
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Pred. No. 16
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SEQ ID NO 2066
LENGTH: 21
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 44
                                                                                                                                                                                                                                                                                                      Sequence 4, Applic
Patent No. 5432080
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Best Local Similarity
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GENERAL INFORMATION:
                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: HAMMOND, Geoffrey L.
APPLICANT: AVVAKUMOV, George V.
TITLE OF INVENTION: Variants of
TITLE OF INVENTION: Globulin
NUMBER OF SEQUENCES: 10
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PRIOR FILING DATE: 1999-06-16
NUMBER OF SEQ ID NOS: 68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                            ADDRESSEE: Foley & Lardner STREET: 3000 K Street, N.W., CITY: Washington, D.C.
                                                                                                               COUNTRY:
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Goldman, Phyllis S
McElligott, David L
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Pred. No. 1
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Pred. No. 1.
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                                                                                                                                                Suite 500
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Patent No. 5559223
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Best Local Similarity 84.2%;
Matches 16; Conservative
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SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 1677
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/18
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,(
FILING DATE: 9 August 1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                TELEX: 835420
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                  NAME: Linda Axamethy Floyd REGISTRATION NUMBER: 33,692 REFERENCE/DOCKET NUMBER: BB TELECOMMUNICATION INFORMATION: TELEPHONE: (302) 992-4929
                                                                                                                                                                                                                                                                                                                                                       COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System,
SOFTWARE: Microsoft Word, 4.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ITTLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F
                                                                                                                       TELEPHONE: (302) 892-7949
                 TOPOLOGY: 1i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 1007 Mari
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4097 CACTGAGTCGGGAGCCCAG 4115
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                                               nucleic acid
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1007 Market Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Janet A. Rice
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DNA (genomic)
                               single
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RESULT 858
US-08-441-430-43
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US-08-421-891-4
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Best Local S
Matches 16
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENCTH: 21 base ---
Type
Sequence 43, Application US/08441430 Patent No. 5681942 GENERAL INFORMATION:
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Patent No. 5595969
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Best Local Similarity 84.2%;
Matches 16; Conservative
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APPLICANT: HAMMOND, Geoffrey L.
APPLICANT: AVVAKUMOV, George V.
TITLE OF INVENTION: Variants of Corticosteroid Binding
TITLE OF INVENTION: Globulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/994,423
APPLICATION NUMBER: US 07/994,423
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REGISTRATION NUMBER: 29,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 16777/197/ALLE TELECOMMUNICATION INFORMATION: TELEPHONE: (202)672-5300
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                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (202) 672-5399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington, D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc feature LOCATION: 1..21
OTHER INFORMATION: /pro
OTHER INFORMATION: /st:
                                                                                                                                                                                                                                                                                                                                    LENGTH: 21 base pairs
TYPE: nucleic acid
STRANGENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 14
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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                                                                                                                                                                             4097 CACTGAGTCGGGAGCCCAG 4115
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Similarity 84.2%;
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                                                                                                                                                                                                                     Conservative
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/standard_name= "SM 87"
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                                                                                                                                                                                                                     0; Mismatches
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            US-08-474-633A-42/c

; Sequence 42, Application US/08474633A
; Patent No. 5773691
; GENERAL INFORMATION:
; APPLICANT: E. I. DU PONT DE NEMOURS
; APPLICANT: COMPANY
; TITLE OF INVENTION: CHIMERIC GENES A
TITLE OF INVENTION: METHODS FOR INCE
; TITLE OF INVENTION: AND THREONINE CC
; TITLE OF INVENTION: AND THREONINE CC
; TITLE OF INVENTION: OF THE SEEDS OF
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US-08-441-430-43
                                                                                  Matches
                                                                                                    Query Match
Best Local Similarity
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FILING DATE: April 29, 1992
APPLICATION NUMBER: U.S. 07/918,313
FILING DATE: July 21, 1992
APPLICATION NUMBER: U.S. 08/003,963
FILING DATE: January 15, 1993
APPLICATION NUMBER: U.S. 08/003,963
FILING DATE: January 15, 1993
ATTONIBY/AGENT INFORMATION:
NAME: Richard J. Polley, Esq.
REGERENCE/DOCKET NUMBER: 28,107
REFERENCE/DOCKET NUMBER: 3812-42824
TELECOMMUNICATION INFORMATION:
TELEPHONE: (503) 226-7391
                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (503) 228-9446 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                      TOPOLOGY: Linear MOLECTLE TYPE: Genon HYPOTHETICAL: NO ANTI-SENSE: NO ORIGINAL SOURCE: ORGANISM: Homo sag
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOPTWARE: WordPerfect 5.1/ASCII Text File CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/441,430 FILING DATE: May 15, 1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIOM TYPE: Disk, 3+-inch
COMPUTER: IBM PC compartible
OPERATING SYSTEM: MS DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Buchwald, Manuel
APPLICANT: Strathdee, Craig A.
'APPLICANT: Wevrick, Rachel
APPLICANT: Mathew, Christopher George Porter
                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Fanconi Anemia NUMBER OF SEQUENCES: 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 121 S.V
CITY: Portland
STATE: Oregon
                                                                                                                                                                                                                                                                                                               LENGTH: 21 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single stranded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Richard J. Polley, Esq. ADDRESSEE: Klarquist, Sparkman, Campbell, Leigh ADDRESSEE: Whinston, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                        3460 TCCCTCCCAGGACACAGGA 3478
                                                                                  16;
2 TCCGTCCCTGGACAAAGGA 20
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Y: U.S.A.
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                                                                                  Conservative
                                                                                                                                                                                           Homo sapiens
                                                                                                                                                                                                                                                                                Genomic DNA
                                                                                                    0.3%;
                                                                                0; Mismatches
                                                                                                    Score 14.2; DB 1;
Pred. No. 1.1e+03;
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                                                                                                                        Length 21;
                                                                                  Indels
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METHODS FOR INCREASING INCREASING THE LYSINE AND THREONINE CONTENT OF THE SEEDS OF PLANTS CHIMERIC GENES AND PONT DE NEMOURS

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Best Local Similarity
                                                                                                                                                                                                                          GENERAL INFORMATION:

APPLICANT: Teebor, George W.

APPLICANT: Hilbert, Timothy P.

TITLE OF INVENTION: MANMALIAN ENDONUCLEASE III AND
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC USES THEREOF
NUMBER OF SEQUENCES: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 800.
ATTORNEY/AGENT INFORMATION:
NAME: BARBARA C. SIEGELL
REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
                                                                                                                                                                                                                                                                                                                                       quence 17, Application US/08808550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,633A
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STREET: MILMINGTON
CITY: WILMINGTON
CTATE: DELAWARB
TYS.A.
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ADDRESSEE: E. I. DU PONT DE NEMOURS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
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TELEX: 8
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OTHER INFORMATION: /pro
OTHER INFORMATION: oli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                            CITY: Hackensack
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
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ADDRESSEE: AN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2802 GAAGGAGAAATGAAGAAG 2820
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E: AND COMPANY
1007 MARKET STREET
                                                                                                                                                                    Floor
                                                                                                               USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   302-773-0164
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Pred. No. 1.1e+03
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Best Local Similarity
Matches 16; Conserv
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Patent No. 5928884
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INFORMATION FOR SEQ ID NO:
                                                                     TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/598,873
FILING DATE: 09-FEB-1996
CLASSIFICATION: 514
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL:
                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Croce, Carlo M.
APPLICANT: Huebner, Kay
TITLE OF INVENTION: FHIT PROTEINS AND NUCLEIC ACIDS AND
TITLE OF INVENTION: METHODS BASED THEREON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: lir
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US
FILING DATE: 26-FEB-19
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
MOLECULE TYPE:
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                                                                                                                                                                                                         NAME: Friebel, Thomas E.
REGISTRATION NUMBER: 29,258
REFERENCE/DOCKET NUMBER: 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
STATE: New Yor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Jackson Esq., David A. REGISTRATION NUMBER: 26,742
                                   STRANDEDNESS:
                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 21 base pairs
TYPE: nucleic acid
                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
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/desc = "Primer P10"
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                                   single
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84.2%; Pred. No. 1.1e+03;
ative 0; Mismatches 3;
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                                                                                                                                US-08-863-639A-39
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US-08-598-873-75/c
                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                 Patent No. 5981185
GENERAL INFORMATION:
                                                                                                    Sequence 39, Application US/08863639A Patent No. 5981185
                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 75,
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Croce, Carlo M.
                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
TOPOLOGY: line
MOLECULE TYPE: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Friebel, Thomas E.
REGISTRATION NUMBER: 29,258
APPLICANT: Rampal, Jang B. APPLICANT: Caskey, C. T. TITLE OF INVENTION: OLIGON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 860
TELECOMMUNICATION INFORMATION:
                                             APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Croce, Carlo M.
APPLICANT: Huebner, Kay
TITLE OF INVENTION: FHIT PRO
TITLE OF INVENTION: METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/01 FILING DATE: 09-FEB-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                 nucleic acid
DEDNESS: single
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                                                                                                                                                                                                    GTCTACTTTCAGTGACACA 2
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1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                  0.3%;
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 OLIGONUCLEOTIDE REPEAT ARRAYS
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Pred. No. 1.1e+03;
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Pred. No. 1.
                                                                                                                                                                                                                                                                     Mismatches
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US-08-863-639A-44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 44,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (626) 796-4000
TELEPHONE: (626) 796-3201
TELEPAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 39:
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY_AGENT INFORMATION:
NAME: JOSEPH E. MUETH
REGISTRATION NUMBER: 20,532
REFERENCE_DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLECTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
                                                                                                                       COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
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                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION: NAME: Joseph E. Mueth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
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CITY: Pagadena
                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 91101
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SOFTWARE: Corel WordPerfect 8 version
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                                                                                                                                                                                                                                                                                      Pasadena
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5981185
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                                                                                                                                                                                                                                                                                                                        E: Sheldon & Mak
225 South Lake Avenue, 9th Floor
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N: 435
                                                                                                                                                                                                                 Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.3%; Score 14.2;
84.2%; Pred. No. 1.
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                                                                                                                                                                                                                 3.50 inch, 1.44 Mb storage
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TELEPHONE:

(626) 796-4000

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                                                                                                                                                                                           TELEPAX: (626) 796-4000
IELEPAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base notice.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
                                                              Matches
                                                                             Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/863
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (626) 795-632
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Matson, Robert S.
APPLICANT: Coasein, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 9
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                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                          STRANDEDNESS: single
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                              1715 CATGATCACCATCTTCATC 1733
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21
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                                                                             Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     225 South Lake Avenue, 9th Floor
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                                                            Conservative
                                                                                                                                                             linear
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                                                                                                                                             Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Diskette, 3.50 inch, 1.44 Mb
                                                                             0.3%;
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Pred. No. 1.1e+03;
                                                                             Score 14.2;
Pred. No. 1.
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                                                              Mismatches
                                                                             .1e+03
                                                                                              DB 1;
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                                                                                           Length 21;
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RESULT 866

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                                                                                                                                                                                                                                                                           Patent No. 5981185
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                           Sequence 65, Application US/08863639A
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796,4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
COMPUTER: IBM compatib
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb
                                                                                                                                                                                                                                          APPLICANT: Matson, Robert S. APPLICANT: Coassin, Peter J.
                                                                                                                                                                                          APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
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APPLICANT: Coassin, Peter J.
                                                                                                                                          ADDRESSEE: Sheldon & Mak
                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
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OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
OPTWARE: TOATTON DATA:
                                                              COUNTRY: U
ZIP: 91101
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FILING DATE: May 28, 1997
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OPERATING SYSTEM:
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Caskey, C. T.
                                                                             USA
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                IBM compatible
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Pred. No. 1.1e+03;
0; Mismatches 3;
                                                                                                                              9th Floor
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                              1.44 Mb storage
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TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO:
                                                                    TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
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NAME: Joseph E. Mueth
REGISTRATION NUMBER: 20,
                                                                                                                                REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: May 28, 11
CLASSIFICATION: 435
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: 1
MOLECULE TYPE:
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OPERATING SYSTEM:
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               TOPOLOGY:
                          STRANDEDNESS:
                                          TYPE: nucleic acid
                                                                                                                   TELEPHONE:
                                                                                                                                                                                                                                                                    SOFTWARE: Corel WordPerfect 8 version
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                                                         LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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                                                      21 base pairs
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                                                                                                                 (626) 796-4000
                                                                                                                                                                                                              May 28, 1997
)N: 435
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Other nucleic acid
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                                                                                                                                                                                                                                                                                                                3.50 inch, 1.44 Mb storage
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Pred. No. 1
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                                         Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
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Best Local
                                                                                                                               Sequence 86,
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (626) 795-6321 INFORMATION FOR SEQ ID NO: 85:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: Other nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: May 28, 1997 CLASSIFICATION: 435
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OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
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STREET: 27
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                                                                                                                                Application US/08863639A
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225 South Lake Av
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Coassin, Peter J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                                             (626)
                                       Caskey, C
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                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                             (626) 796-4000
ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Diskette,
                                                                                                                                                                                                                                                                                                                                                                  single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           84.2%;
                           OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                              0.3%; Score 14.2;
84.2%; Pred. No. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US/08/863,639A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3.50 inch, 1.44 Mb storage
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Pred. No. 1
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Best Local
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FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                             FILING DATE: 21-WAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Jokhadze, George
APPLICANT: Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: Other nucleic acid
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                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Chenchik, Alex
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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CITY: Menlo Park
STATE: CA
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OPERATING SYSTEM:
SOFTWARE: Corel V
                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                       COUNTRY:
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Field, Bret E.
WATION NUMBER:
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                                                                                                                                                                                                                                                                                                                      E: Fish & Richardson, P.C.
2200 Sand Hill Road, Suite 100
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Pred. No. 1.1e+03
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RESULT 873
US-08-822-774-25/c
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Best Local Similarity
Watches 16; Conserve
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Best Local S
Matches 16
                                                                                                                                                           Sequence 25, Application US/08822774
Patent No. 6183997
GENERAL INFORMATION:
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SEQ ID NO 5
LENGTH: 21
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TITLE OF INVENTION: Nucleotide Sequence Encoding Carbamoyl Phosphate
Patent No. 6181996
TITLE OF INVENTION: Synthetase II
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Patent No. 6183996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE;
CURRENT APPLICATION NUMBER: US/09/150,741
CURRENT FILING DATE: 1998-09-10
EARLIER APPLICATION NUMBER: PL6380
EARLIER FILING DATE: 1992-12-16
EARLIER APPLICATION NUMBER: AU93/00617
EARLIER FILING DATE: 1993-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EARLIER APPLICATION NUMBER: 08/446,855
EARLIER FILING DATE: 1995-07-06
NUMBER OF SEQ ID NOS: 15
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 21
TYPE: DNA
                                                                                       APPLICANT: HOGREFE, Holly TITLE OF INVENTION: Polyme TITLE OF INVENTION: Extrac TITLE OF INVENTION: and Me
                             NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: David J. Kulik,
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OTHER INFORMATION: oligonucleotide primer
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
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mes 16; Conser
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                  ADDRESSEE: Lenahan,
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1200 G Street, N.W. Suite 700
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ilarity 84.2%;
Conservative (
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                                                                                 Polymerase Enhancing Factor (PEF)
Extracts, PEF Protein Complexes, Isolated PEF Proteins and Methods for Purifying and Identifying Same
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
0; Mismatches 3
                                   Evenson, McKeown, Edwards &
                                                                                                                                                                                                                                                                                                                                                            Mismatches
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PATENT NO. 6190875
GENERAL INFORMATION:
APPLICANT: Hanna Ben-Artzi et al.
APPLICANT: Hanna Ben-Artzi et al.
TITLE OF INVENTION: METHOD OF SCREENING FOR POTENTIAL ANTI-
METASTATIC AND ANTI-INFLAMMATORY AGENTS USING
MAMMALIAN HEPARANASE AS A PROBE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,774
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEPAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 25:
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LENGTH: 21 base pairs
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NAME: KULIK, David J.
REGISTRATION NUMBER: 36,576
REFERENCE/DOCKET NUMBER: 1486/43163
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STRANDEDNESS: single
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ZIP: 20005
                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
APPLICATION NUMBER: US/09/113,168
FILING DATE: 10-Uu1-1998
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA: 08/922,180
APPLICATION NUMBER: 08/922,180
FILING DATE: September 2, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                   an ASCI file CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
STREET: 20001 Jefferson Davis Highway, Suite 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1650 AGAGAAGGCTTCTGCCAGC 1668
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                                                                                                                                                                                          SOFTWARE: Word for Windows version 2.0 converted to
                                                                                                                                                                                                              OPERATING SYSTEM: MS DOS version 6.2,
Windows version 3.11
                                                                                                                                                                                                                                                                                                                                            COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                               STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                     CITY: Arlington
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Pred. No. 1.1e+03;
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                                                                                                                                                                                  IELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base Trype:
                                                                      Query Match
Best Local S
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Patent No. 624221
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INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Croce, Carlo M.
APPLICANT: Huebner, Kay
TITLE OF INVENTION: FHIT PROTEINS AND NUCLEIC ACIDS AND
TITLE OF INVENTION: METHODS BASED THEREON
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Friebel, Thomas E.
REGISTRATION NUMBER: 29,;
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                     MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Balance
                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/605,430 FILING DATE: 22-FEB-1996 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local
                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                           TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 910/8 TELECOMMUNICATION INFORMATION:
                             4699 GTCCAGCTTCAGTGACACA 4717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2985 GCCACAGAAACGCAGCTGC 3003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE DESCRIPTION: SEQ ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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                                                                          Similarity
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                                                                                                                                                                               nucleic acid
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Y: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 972-3-5625554
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/08605430
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                                                           Conservative
                                                                                                                                                                  single
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                                                                      0.3%; Score 14.2;
84.2%; Pred. No. 1.
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Pred. No. 1
                                                           Mismatches
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                                                                        1.1e+03
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1.1e+03;
                                                                                          DB 1;
                                                                                       Length 21;
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US-09-109-663-42/c
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SEQ ID NO 42
LENGTH: 21
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Best Local Similarity 84.2%;
                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Tu, Guang-Chou
APPLICANT: Israel, Yedy
                                                                                                                                                                                                                                                                                                          Sequence 42, Application US/09109663 Patent No. 6277981
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6242212
GENERAL INFORMATION:
                                    TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES FILE REFERENCE: 9855-3U1
CURRENT APPLICATION NUMBER: US/09/109,663
CURRENT FILING DATE: 1998-07-03
EARLIER APPLICATION NUMBER: 60/051,705
EARLIER APPLICATION NUMBER: 60/051,705
EARLIER FILING DATE: 1997-07-03
NUMBER OF SEQ ID NOS: 81
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Friebel Thomas E.
REGISTRATION NUMBER: 29,258
REFERENCE/DOCKET NUMBER: 8666-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PA PC COMPATIBLE
COMPUTER: PC COMPATIBLE
COMPATING SYSTEM: PC COOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/605,430
FILING DATE: 22-FEB-1996
CLASSIFICATION: 536
CLASSIFICATION: 536
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CORRESPONDENCE ADDRESS:
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APPLICANT: Huebner, Kay
TITLE OF INVENTION: FHIT PROTEINS AND NUCLEIC ACIDS
TITLE OF INVENTION: METHODS BASED THEREON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single TOPOLOGY: linear
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E: DNA
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Pred. No. 1.1e+03;
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US-07-974-409C-346
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Best Local Similarity
Matches 16; Conserv
                                                                        Matches
                                                                                       Query Match 0.3%; Score 14.2; DB 1; Length 21; Best Local Similarity 84.2%; Pred. No. 1.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 346, Application US/07974409C
                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: CDI HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: TNF(alpha) ASO
                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/974,409C
FILING DATE: 12-NOV-1992
CLASSIFICATION: 435
CCLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HIT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Ols
STREET: 620 Newport Center Dr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cooper, Allan
TITLE OF INVENTION: METHOD AND REAGENT
TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Akitaya, Tatsuo
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: C
                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 620 Newport CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                          TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
                                                                                                                                                                                                                                                                        LENGTH:
                                     3533 CCTGCCGCTGACGAAGCCC 3551
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CCTGCCGCCGACGGCGCCC 21
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Pred. No. 1.1e+03
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Dr. Sixteenth Floor
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US-09-G32-711-25/c US-09-G32-711-25/c ; Sequence 25, Application US/09632711 ; Patent No. 6333165

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US-09-632-711-25
                                                                                                                                                                                                                     GENERAL INFORMATION:

APPLICANT: Burnham, Martin K. R.

APPLICANT: Lonetto, Michael A.

APPLICANT: Warren, Patrick V.
                                                                                                                                                                                                                                                                                            Sequence 5, Application US/09363160 Patent No. 6344540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                  APPLICANT: Rosenberg, Martin
APPLICANT: Ward, Judith M.
TITLE OF INVENTION: No. 6344540el pai
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: HOGREFE, Holly
TITLE OF INVENTION: Polymerase Enhancing Factor (PEF)
Extracts, PEF Protein Complexes, Isolated PEF Proteins,
                                  FILE REFERENCE:
                                                                                                             APPLICANT:
                                                                                                                             APPLICANT:
                                                                                                                                                APPLICANT:
                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (202) 628-8 INFORMATION FOR SEQ ID NO: 25: SEQUENCE CHARACTERISTICS:
URRENT APPLICATION NUMBER: US/09/363,160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/822,774
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: KULIK, David J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/632,711
FILING DATE: 04-Aug-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                             1650 AGAGAAGGCTTCTGCCAGC 1668
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ANTI-SENSE: NO
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE DESCRIPTION: SEQ ID NO: 25:
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: David J. Kulik, Evenson,
Lenahan, P.L.L.C.
STREET: 1200 G Street, N.W. Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 1486/43163
                                                                                                                         Knowles, David J. C. Reichard, Raymond W. Nicholas, Richard O.
                                                                                                                                                                                                Warren, Patrick v. Black, Michael T.
                                                                                                         Pratt, Julie M.
                                                                                                                                                                               Hodgson, John E
                                                                                                                                                                                                                   Lonetto, Michael A
Warren, Patrick V.
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                                  P50444-4
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Pred. No. 1.1e+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Evenson, McKeown, Edwards &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 21;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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SEQUENCE
US-09-225-928-128
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Staphylococcus aureus US-09-363-160-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 5
LENGTH: 21
TYPE: DNA
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 1997-08-27
PRIOR APPLICATION NUMBER: 60/011,888
PRIOR FILING DATE: 1996-02-20
PRIOR APPLICATION NUMBER: PCT/US97/02318
PRIOR FILING DATE: 1997-02-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                   TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 128:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS95
SOFTWARE: FRACESEO for WINDOWS Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                            NAME: Pield, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                              SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94025
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Chenchik, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1555 AGTCACAGAAATTTCTGAA 1573
                                                            FEATURE:
                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL EXPRESSION
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16; Conserv
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                                                                                                               LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/859,998 FILING DATE: 21-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
                  OTHER INFORMATION: SINCE DESCRIPTION: SI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: CA
                                                                                                                                                                                                                                           TELEPHONE: 415-322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/09225928
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                  SEQ
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                     oligonucleotide primer
Q ID NO: 128:
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Pred. No. 1.1e+03;
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Score 14.2;

DB 1;

Length 21;

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RESULT 883
US-09-593-012-217/c
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US-09-632-703B-25/c
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Patent No. 6379553
GENERAL INFORMATION:
APPLICANT: HOGREFE, Holly TITLE OF INVENTION: Polymerase
                 GENERAL INFORMATION:
APPLICANT: HAUGLAND, Richard
APPLICANT: VESPER, Stephen
TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
                                                                                                    Sequence 217, Application US/09593012 Patent No. 6387652
                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 16; Conserv
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FILE REFERENCE: HAUGLAND=1A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 08/822,774
FILING DATE: 21-MAR-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: <Unknown)
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PetentIn Realease #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
                                                                                                                                                                                                                                                                   1650 AGAGAAGGCTTCTGCCAGC 1668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4269 GAGGCTGGAAGAAAAACGC 4287
                                                                                                                                                                                                                             19 AGTGAAGTCTTCTCCCAGC 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/632,703B FILING DATE: 24-Aug-2000 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: BARKER, M. Paul
REGISTRATION NUMBER: 32,013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (650)
TELEFAX: (650) 84
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Finnegan, Henderson, Farabow, Garrett, & Dunner, L.L.P. STREET: 1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    849-6666
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Pred. No. 1.1e+03
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                  DB 1;
                                                                                                                                                                                                                                                                                                                                                Length 21;
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APPLICANT: Levy, Gary
APPLICANT: Clark, David A.
APPLICANT: Clark, David A.
TITLE OF INVENTION: Methods of Modulating Immune Coagulation
FILE REFERENCE: 9579-14
CURRENT APPLICATION NUMBER: US/09/442,143A
CURRENT FILING DATE 1999-11-15
PRIOR APPLICATION NUMBER: US 60/046,537
PRIOR FILING DATE: 1997-05-17
PRIOR APPLICATION NUMBER: US 60/061,684
PRIOR FILING DATE: 1997-10-10
NUMBER OF SEQ ID NOS: 53
SOFTWARE: Patentin version 3.1
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; ORGANISM: Universal Fungal
US-09-593-012-217
                                                                                                                                                                                                                                                                     RESULT 885
US-08-649-950-41
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; OTHER INFORMATION: Primer
US-09-442-143A-28
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US-09-442-143A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 28
LENGTH: 21
TYPE: DNA
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Best Local Similarity
Matches 16; Conserv
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 217
LENGTH: 21
                                                                                                                                                                                                                             Sequence 41, Application US/08649950 Patent No. 6403303
                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 28, Application US/09442143A Patent No. 6403089
                                                                                                           GENERAL INFORMATION:
APPLICANT: Shipman, Robert
APPLICANT: Leushner, James
APPLICANT: Dunn, James M.
APPLICANT: Dunn, James M.
TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING
TITLE OF INVENTION: MUTATIONS IN THE BRCA1 GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                       NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
               STREET: 1992 Concily: Yorktown
                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1610 GATCCTGCGGAAGGAATAT 1628
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Ϋ́
                                   E: Oppedahl & Larson
1992 Commerce Street Suite 309
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Pred. No. 1.1e+03
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Pred. No. 1.
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                                                                                                                        FILE REFERENCE: wsur13885
CURRENT APPLICATION NUMBER: US/09/360,545
CURRENT FILING DATE: 1999-07-26
EARLIER APPLICATION NUMBER: 60/052,249
EARLIER FILING DATE: 1997-11-07
EARLIER APPLICATION NUMBER: PCT/US98/14528
EARLIER FILING DATE: 1998-07-10
NUMBER OF SEQ ID NOS: 107
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-360-545-62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; FEATURE:
; OTHER INFORMATION:
US-08-649-950-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 886
                                                                                           SEQ ID NO 62
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                       Patent No. 6429014
SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                     APPLICANT: Croteau, Rodney B
APPLICANT: Bohlmann, Jorg
APPLICANT: Steele, Christopher L
APPLICANT: Phillips, Michael A
TITLE OF INVENTION: MONOTERPENE SYNTHASES FROM GRAND FIR (ABIES GRANDIS)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide corresponding to am
                                    FEATURE:
                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: lir
MOLECULE TYPE:
HYPOTHETICAL: 1
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ORIGINAL SOURCE:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM COMPUTER: MS DO OPERATING SYSTEM: MS DO SOFTWARE: Word Perfect SOFTWARE: Word TOATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: doubl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3219
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GGCTCCAGCATCACTGAAA 3237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GGCTCCAGTATTAATGAAA 21
                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/09360545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (914) 962-4330
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Pred. No. 1.1e
0; Mismatches
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amino acid
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JS-09-632
JS-09-632
; Sequence 25, April 19 Jatent No. 6444428
; Patent No. 6444428
; GENERAL INFORMATION: HOGREFE, HOTTLE OF INVENTION: Property of the prope
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US-09-632-702-25/c
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                                                                                                 Query Match
Best Local
                                                                   Matches
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Best Local Similarity
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NAME/KEY: misc_feature
LOCATION: (1)..(21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 25
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Oligonucleotide corresponding to conserved OTHER INFORMATION: acid sequence set forth in SEQ ID NO:51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: sequence set forth in SEQ ID NO:51
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APPLICATION NUMBER: US/08/822,774
FILING DATE: 21-MAR-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/632,702
FILING DATE: 04-Aug-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Flopp
   1650 AGAGAAGGCTTCTGCCAGC 1668
                                                                                                                                                                                                                              SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                            HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                         TOPOLOGY: unknown MOLECULE TYPE: DNA (ger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
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                                                                                              Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: KULIK, David J.
REGISTRATION NUMBER: 36,576
REFERENCE/DOCKET NUMBER: 1486/43163
                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (20)
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OPERATING SYSTEM: PC-DOS/MS-DOS
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Lenahan, P.L.L.
                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 21 base pairs
TYPE: nucleic acid
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                                                                   Conservative
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Polymerase Enhancing Factor (PEF)
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                                                                                              Score 14.2;
Pred. No. 1
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Pred. No. 1.1e+03
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                                                                   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  L.L.C.
N.W. Suite 700
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                                                                                                     1.1e+03
                                                                                                                                   DB 1;
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                                                                                                                         Length 21;
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                                                                   Indels
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Identifying
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                                                                   Gaps
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g Same
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RESULT 889
US-09-225-201B-128
; Sequence 128, Applicatio
; Patent No. 6489455
; GENERAL INFORMATION:
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S-08-62.
S-08-62.
Sequence 42, Applicum
Patent No. 6459019
Patent No. 6459019
Patent INFORMATION:
GENERAL INFORMATION:
DU PONT DE NEMOURS AND
COMPANY
COMPANY
CHIMERIC GENES AND
FOR INCREA!
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US/08/823,771
FILING DATE: 24-Mar-1997
CLASSIFICATION: <und https://doi.org/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.
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MEDIUM TYPE: FLORPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
                                                                                                                                                                                                                                                                                                                                                                              2802 GAAGGAGAAAATGAAGAAG 2820
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APPLICANT: Chenchik, Alex
                                                                                                                                                                                                                                                                                                           21 GGAGGAGAAGCTGAAGAAG 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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OTHER INFORMATION: /propligonucleotide"
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AND COMPANY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     standard_name= "SM
                                                                                                                  Application US/09225201B
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.3%;
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Pred. No. 1.
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RESULT 890
US-09-086-663A-27
US-09-086-663A-27
US-09-086-663A-27
Sequence 27, Application US/09086663A
Patent No. 6518063
GENERAL INFORMATION:
APPLICANT: DUCY, PATRICIA
APPLICANT: KARSENTY, GERARD
TITLE OF INVENTION: OSF2/CBFA1 COMPOSITIONS AND METHODS OF USE
FILE REFERENCE: UTSC:525
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 27
LENGTH: 21
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                     CURRENT APPLICATION NUMBER: US/09/086,663A CURRENT FILING DATE: 1998-05-29 PRIOR APPLICATION NUMBER: 60/080,189 PRIOR FILING DATE: 1998-03-24 PRIOR APPLICATION NUMBER: 60/048,430 PRIOR APPLICATION NUMBER: 60/048,430 PRIOR FILING DATE: 1997-05-29
                                                                                       NUMBER OF SEQ ID NOS: 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 415-322-5070
TELEPAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 090
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/859,998 FILING DATE: 21-MAY-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/225,201B
FILING DATE: 05-Jan-1999
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastUSEO for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Jokhadze, George
Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4269 GAGGCTGGAAGAAAAACGC 4287
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1375
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 GGGGCTGGAAGAACATCGC 21
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Menlo Park
STATE: CA
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Pred. No. 1.1e+03;
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ORGANISM: Artificial Sequence

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US-09-635-872A-41/c
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; OTHER INFORMATION: Description
; OTHER INFORMATION: Primer
US-09-086-663A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-422-978-3998
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Best Local S
Matches 16
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APPLICANT: CANFIELD, WILLIAM
APPLICANT: CANFIELD, WILLIAM
TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
FILE REFERENCE: 195613US0
CURRENT APPLICATION NUMBER: US/09/635,872A
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/153,831
PRIOR APPLICATION NUMBER: 60/153,831
PRIOR PILING DATE: 1999-09-14
NUMBER OF SEQ ID NOS: 52
                                                                                             SEQ ID NO 3998
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 3998, Appli
Patent No. 6537751
GENERAL INFORMATION:
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                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILLING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILLING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILLING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                 APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REPERENCE: GENSET 020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.0
                                                                                                                                 NUMBER OF SEQ
                                                   TYPE: DNA
ORGANISM: Homo Sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: ()..()
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NAME/KEY: primer_bind 
LOCATION: 1..21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
mes 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1286 CAACATGGTGTCCAAGCTC 1304
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/09422978
                                                                                                                                 ID NOS:
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Chen, Daniel

APPLICANT: Chumehceld, Marta

APPLICANT: Chumehcov, 11ya

ITITE OF INVENTION: Biallelic markers for use

FILE REFERENCE: GENSET 020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILLING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILLING DATE: 1999-04-21

EARLIER FILLING DATE: 1998-04-21

EARLIER FILLING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER APPLICATION NUMBER: US 60/082,614
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US-09-422-978-7474/c
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                                                         NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7474
                                                                                                                                                                                                                                                                                                                                                               Sequence 7474, Application US/09422978 Patent No. 6537751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 6964
LENGTH: 21
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Best Local Similarity
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
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APPLICANT: Blumenfeld, Mar
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EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: primer_bind
LOCATION: 1..21
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ORGANISM: Homo Sapiens
ORGANISM: Homo Sapiens
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                                       LENGTH: 21
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                     DNA
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Pred. No. 1.1e
0; Mismatches
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Pred. No. 1.
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.1e+03;
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                                                                                                                                                                                                                                                                    in constructing a high density...
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; LICATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-921 for SEQ
US-09-422-978-10061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ş
                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 896
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                                                                                            GENERAL INFORMATION:

APPLICANT: CAMPIELD, WILLIAM
APPLICANT: CAMPIELD, WEITHODS OF TREATING LYSOSOMAL STORAGE DISEASE
FILE REFERENCE: 195612US0
CURRENT APPLICATION NUMBER: US/09/636,077A
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/153,831
PRIOR APPLICATION NUMBER: 60/153,831
PRIOR FILING DATE: 1999-09-14
NUMBER OF SEQ ID NOS: 52
SOFTWARE: Patentin version 3.0
SEQ ID NO 41
**PRIVATE: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10061
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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Patent No. 653775
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ITITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENOST.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-12-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-24
EARLIER FILING DATE: 1998-11-24
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-5329 for SEQ 3540,
FEATURE:
NAME/KEY: misc_feature
                                            ORGANISM: Artificial/Unknown
                                                                    TYPE: DNA
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                                                                                      ENGTH: 21
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; Pred. No. 1.1e.
0; Mismatches
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Pred. No. 1
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Sequence 27, Application US/09303040
Patent No. 6555671
GENERAL INFORMATION:
APPLICANT: Winslow, Barbara J.
APPLICANT: Winslow, Barbara J.
APPLICANT: Cochran, Mark D.
TITLE OF INVENTION: Recombinant Virus Express:
TITLE OF INVENTION: Feline CD80, Feline CD86,
TITLE OF INVENTION: Feline Interferon-gama And
FILE REFERENCE: 54957-B
CURRENT APPLICATION NUMBER: US/09/303,040
CURRENT APPLICATION NUMBER: 60/083,870
EARLIER APPLICATION NUMBER: 60/083,870
EARLIER FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 82
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; OTHER INFORMATION: Description of Artificial Sequence: synthetic US-09-636-077A-41
; TYPE: DNA; ORGANISM: feline US-09-303-040-27
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Best Local S
Matches 16
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Patent No. 6551775
GENERAL INFORMATION:
APPLICANT: Lifton, Richard P.
                                                                 SOFTWARE: PatentIn Ver.
SEQ ID NO 27
LENGTH: 21
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SEQ ID NO 95
LENGTH: 21
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Best Local Similarity 84.2%;
Matches 16; Conservative
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TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
TITLE OF INVENTION: Pseudohypoaldosteronism Type-1
FILE REFERENCE: 44574-5018-US
CURRENT FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 50/040,171
PRIOR APPLICATION NUMBER: US 60/040,171
PRIOR APPLICATION NUMBER: US 60/040,171
PRIOR PILING DATE: 1997-03-11
PRIOR FILING DATE: 1998-03-11
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 106
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APPLICANT:
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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                         CD86 primer
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                                                                                                                                                                                                                                                                                             Recombinant Virus Expressing Foreign DNA Encoding Feline CD80, Feline CD86, Feline CD28, Feline CTL
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Pred. No. 1.1e+03;
0; Mismatches 3;
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Pred. No. 1.1e+03;
0; Mismatches 3;
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US-09-636-060C-41/c
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                                                                                                                                                           ; OTHER INFORMATION: synthetic DNA US-09-986-552-41
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: CAMPIELD, WILLIAM M
APPLICANT: CAMPIELD, GLUNAC PHOSPHOTRANSFERASE OF THE LYSOSOMAL TARGETING PATHWAY
FILE REFERENCE: 210119USOCONT
CURRENT APPLICATION NUMBER: US/09/636,060C
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/153,831
PRIOR FILING DATE: 1999-09-14
PRIOR FILING DATE: 1999-09-14
                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/153,831
PRIOR FILING DATE: 1999-09-14
NUMBER OF SEQ ID NOS: 52
SOFTWARE: PatentIn version 3.1
SEQ ID NO 41
LENGTH: 21
                                                                                                      Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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Patent No. 6670165
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Best Local Similarity
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SEQ ID NO 41
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                        APPLICANT: CANFIELD, William
TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
FILE REFERENCE: 215089US77DIV
CURRENT APPLICATION NUMBER: US/09/986,552
CURRENT FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: 09/635,872
PRIOR APPLICATION NUMBER: 09/635,872
PRIOR PILING DATE: 2000-08-10,
PRIOR FILING DATE: 2000-08-10,
PRIOR FILING DATE: 2000-08-10,
PRIOR FILING DATE: 2000-08-10,
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SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                             TYPE: DNA
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ORGANISM: Artificial Sequence
                                                                                                                                                                                             FEATURE:
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                                         1286 CAACATGGTGTCCAAGCTC 1304
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                                                                                      Conservative
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Pred. No. 1.
                                                                                                      Score 14.2; DB 1;
Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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                                                                                      Mismatches
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                                                                                                                        DB 1;
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                                                                                                                     Length 21
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RESULT 903
US-10-022-819-18/c
; Sequence 18, Application US/10022819
; Patent No. 6686163
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TITLE OF INVENTION: DYSFERLIN, A GENE MUTATED IN TITLE OF INVENTION: GIRDLE MUSCULAR DYSTROPHY FILE REFERENCE: 00786/399002; CURRENT APPLICATION NUMBER: US/09/382,552; CURRENT FILING DATE: 1999-08-25; EARLIER APPLICATION NUMBER: US 60/097,927; EARLIER FILING DATE: 1998-08-25; NUMBER: US 60/097,927; EARLIER FILING DATE: 1998-08-25; NUMBER: OF SEQ ID NOS: 233; SOFTWARE: FastSEQ for Windows Version 3.0; SEQ ID NO 179; LENGTH: 21
                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-382-552-179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 902
US-09-382-552-179
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                                                                         Best Loc
Matches
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GENERAL INFORMATION:
APPLICANT: Brown, J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 158
LENGTH: 21
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Patent No. 6673909
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Patent No. 6673909
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Best Local Similarity 84.2%;
                                                                                                             Query Match
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CURRENT FILING DATE: 1999-08-25
EARLIER APPLICATION NUMBER: US 60/097,927
EARLIER FILING DATE: 1998-08-25
NUMBER OF SEQ ID NOS: 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Brown, Jr
APPLICANT: Liu, Jing
APPLICANT: Aoki, Masa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Matsuda-Asada, Chie
TITLE OF INVENTION: DYSPERLIN, A GENE MUTATED
TITLE OF INVENTION: GIRDLE MUSCULAR DYSTROPHY
FILE REFERENCE: 00786/399002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Liu, Jing
APPLICANT: Aoki, Masashi
APPLICANT: Ho, Meng
APPLICANT: Matsuda-Asada,
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Ho, Meng
APPLICANT: Matsuda-Asada,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
                                                                         Local Similarity
mes 16; Conserv
                                   1232 GCTCTCCCCGGGCCTCCGT 1250
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ilarity 84.2%;
Conservative (
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                                                                       Score 14.2; DB 1;
Pred. No. 1.1e+03;
0; Mismatches 3
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Pred. No. 1.
20
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                                                                                                             DB 1;
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                                                                                                           Length 21;
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                                                                         Gaps
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Sequence 388, Application US/09657472

Patent NO. 6727063

GENERAL INFORMATION:

APPLICANT: Lander, Eric S.

APPLICANT: Lander, Eric S.

APPLICANT: Ireland, James S.

APPLICANT: Ireland, James S.

APPLICANT: Bolk, Stacey

APPLICANT: McCarthy, Jeanette J.

TITLE OF INVENTION: SINCLE NUCLEOTIDE POLYMORPHISMS IN FILE REFERENCE: 2825.1027-001

CURRENT APPLICATION NUMBER: US/09/657,472

CURRENT FILING DATE: 2000-09-07
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: <UNKNOWN>
REFERENCE/DOCKET NUMBER: 044921-5049-01-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-739-3000
TELEPHONE: 202-739-3001
INFORMATION FOR EQU ID NO: 18:
SEQUENCE CHARACTERISTICS:
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MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA;
APPLICATION NUMBER: US/10/022,819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FRAGMENT TYPE: internal SEQUENCE DESCRIPTION: SEQ ID NO: 18:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ALLEN, Antonette OLSEN, Sheri J.
                                                                                                                                                                                                                                                                                                                                                                                   4654 CTGAAGAGTCTGGGTAGCT 4672
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ADDRESSEE: Morgan Lewis & Bockius LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
                                                                                                                                                                                                                                                                                                                                                CTGAAGAGAGTGGGTAGAT 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 09/074,452 FILING DATE: 1998-05-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 22-Apr-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ANGELLY, Tracy S.
RABIL, Mark B.
OF INVENTION: CODING SEQUENCE HAPLOTYPE
                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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Pred. No. 1.
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SOFTWARE: FASTSEQ for Wir
SEQ ID NO 388
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-388
                                                                                                                                                                                                RESULT 906
US-09-657-472-671/c
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                                                                         Sequence 671, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 395
LENGTH: 21
TYPE: DNA
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Patent No. 67270
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                                    APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Daley, George Q.
APPLICANT: MCCArthy, Jeanette J.
APPLICANT: MCCArthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825-1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 1900-07-26
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILLING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                         Local Similarity 76.2 es 16; Conservative
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                                                                                                                                                                                                                                                                                                                  137 CCAGGGGACTTCAGCTGCCA 157
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Daley, George Q.
McCarthy, Jeanette J.
VENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
                                                           Bolk, Stacey
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Pred. No. 1.
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Pred. No. 1.
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OF INVENTION:

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; ORGANISM: Homo sapiens
US-09-657-472-671
                                                                                                                                                                                                                                                                                  US-09-657-472-1261
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; ORGANISM: Homo sapiens
US-09-657-472-859
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CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR FILING DATE: 2000-08-16
PRIOR FILING DATE: 2000-08-16
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CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
                                                                                                                                                       Sequence 1261, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 859
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Patent No. 6
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APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
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APPLICANT: McCarthy, Jeanette J.

TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
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Local Similarity 76.2%;
hes 16; Conservative 1
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nes 16; Conserv
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Ireland, James S.
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Pred. No. 1.1e+03;
1; Mismatches 4;
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Pred. No. 1.
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APPLICANT: Daley, George Q.

APPLICANT: McCarthy, Jeanette J.

FILE REFERENCE: 2825.1027-001

CURRENT APPLICATION WIMBER: US/09/657,472

CURRENT FILING DATE: 2000-09-07

PRIOR APPLICATION NUMBER: US 60/153,357

PRIOR APPLICATION NUMBER: US 60/25,947

PRIOR FILING DATE: 1999-09-10

PRIOR PILING DATE: 1999-09-10

PRIOR PILING DATE: 1000-07-26

PRIOR PILING DATE: 2000-07-26

PRIOR PILING DATE: 2000-08-16

INUMBER OF SEG ID NOS: 2551

SEG ID NOS: 2551

SEG ID NOS: 2551

TYPE: DNA

ORGANISM: Homo sapiens

TTYPE: DNA

ORGANISM: Homo sapiens
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US-09-657-472-1278
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                                                                                                                                                          US-09-657-472-1278
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US-09-657-472-1261
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CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
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APPLICANT: McCarthy, Jeanette J.
TITLE OF INTENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1278, Application US/09657472 Patent No. 6727063
                                                                              Matches
                                                                                              Query Match
Best Local :
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
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TYPE: DNA
                    3808 ACAAGAGCCAAGGGAAGCCCA 3828
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Similarity 76.2%;
                                                                                              Similarity
ACATGGCCCARGGGAAGCACA 21
                                                                    0.3%;
milarity 76.2%;
Conservative 1
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                                                                                            Score 14.2; DB 1
Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
                                                                              Mismatches
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                                                                                                                   DB 1;
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US-09-657-472-1447

Sequence 1447, Application US/09657472 Patent No. 6727063

GENERAL INFORMATION:
APPLICANT: Lander, Eric S.

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RESULT 912
US-09-657-472-1498
; Sequence 1498, Application US/09657472
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US-09-657-472-1475
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; ORGANISM: Homo sapiens
US-09-657-472-1447
                                                                                                                                                                                                                                                                          US-09-657-472-1475
                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1475
LENGTH: 21
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Best Local Similarity
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1447
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Best Local Similarity
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CURRENT FILLING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR PELING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
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CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
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APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
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TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
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                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2833 AGCTGGTGGTGAAGTTTGGTG 2853
                                                                                                                                808 ACCCTGTGCCGCTGGAGGAAG 828
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Ireland, James S.
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                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                          0.3%;
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; Pred. No. 1.1e.
1; Mismatches
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Pred. No. 1.1e+03;
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                                                                                                                                                                                                                               DB 1;
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APPLICANT: Daley, George O.

APPLICANT: McCarthy, Jeanette J.

FILE REFERENCE: 2825.1027-001

CURRENT APPLICATION NUMBER: US/09/657,472

CURRENT FILING DATE: 2000-09-07

PRIOR-APPLICATION NUMBER: US 60/153,357

PRIOR FILING DATE: 1999-09-10

PRIOR FILING DATE: 1999-09-10

PRIOR APPLICATION NUMBER: US 60/220,947

PRIOR APPLICATION NUMBER: US 60/225,724

PRIOR APPL
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APPLICANT: McCarthy, Jeanette J.
APPLICANT: McCarthy, Jeanette J.
FITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/220,724
PRIOR APPLICATION NUMBER: US 60/225,724
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; Sequence 1653, Application US/09657472
; Patent No. 6727063
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Best Local Similarity 76.2
                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1653
LENGTH: 21
TYPE: DNA
TYPE: DNA
                                                                                                                                         Query Match
Best Local Similarity
Matches 16; Conserv
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APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Miche
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GGCCGGGCGGCGGCG
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Ireland, James S.
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Pred. No. 1.1e
1; Mismatches
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Pred. No. 1.
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TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-07
PRIOR PPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/225,724
                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1677
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; ORGANISM: Homo mapiens
US-09-657-472-1655
                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1677
LENGTH: 21
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Best Local Similarity
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SEQ ID NO 1655
LENGTH: 21
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Patent No. 6
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
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PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
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APPLICANT: McCorthy, Jeanette J.
APPLICANT: McCorthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLECTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
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                                                                                                                                   y Match 0.3%;
Local Similarity 76.2%;
hes 16; Conservative
3145 AGACCCTGAAGAGCCTCACCA 3165
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                                                                                                                               Score 14.2; DB 1; Length 21; Pred. No. 1.1e+03; 1; Mismatches 4; Indels
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Pred. No. 1.
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; SEQ ID NO 1957
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1957
                                                                                        ; ORGANISM: Homo sapiens US-09-657-472-2484
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                                                                                                                                  SEQ ID NO 2484
LENGTH: 21
TYPE: DNA
Query Match 0.3%;
Best Local Similarity 76.2%;
Matches 16; Conservative
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES

EILE REFERENCE: 2825.1027-001

CURRENT APPLICATION NUMBER: US/09/657,472

CURRENT FILING DATE: 2000-09-07

PRIOR APPLICATION NUMBER: US 60/153,357

PRIOR FILING DATE: 1999-09-10

PRIOR APPLICATION NUMBER: US 60/220,947

PRIOR PRIOR APPLICATION NUMBER: US 60/225,724

PRIOR APPLICATION NUMBER: US 60/225,724

PRIOR PILING DATE: 2000-08-16

PRIOR FILING DATE: 2000-08-16
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APPLICANT:
                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FASTSEQ for Windows Version 4
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Daley, George Q.

APPLICANT: McCarthy, Jeanette J.

TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES

FILE REFERENCE: 2825.1027-001

CURRENT APPLICATION NUMBER: US/09/657,472

CURRENT FILING DATE: 2000-09-07

PRIOR APPLICATION NUMBER: US 60/153,357

PRIOR FILING DATE: 1999-09-10
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
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                    Score 14.2; DB 1
Pred. No. 1.1e+03
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                                            DB 1;
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                                            Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 21;
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APPLICANT: Hogrefe, Connie J
APPLICANT: Hansen, Connie J
APPLICANT: Hansen, Connie J
APPLICANT: Hansen, Connie J
FIITLE OF INVENTION: Isolated PEF Proteins, and Met
FILE REFERENCE: 4121.0116-02
CURRENT APPLICATION NUMBER: US/09/399,003
CURRENT FILING DATE: 1999-09-20
PRIOR APPLICATION NUMBER: PCT/ US98/05497
PRIOR APPLICATION NUMBER: US 08/957,709
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: US 08/957,709
PRIOR APPLICATION NUMBER: US 08/952,774
PRIOR APPLICATION NUMBER: US 08/822,774
PRIOR FILING DATE: 1997-03-21
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US-09-399-003-25/c
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; ORGANISM: Pinus taeda
US-09-232-785-390
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US-09-232-785-390/c
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SEQ ID NO 390
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.1 SEQ ID NO 25
                                                                                                      Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 25,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
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PRIOR FILING DATE: 1999-01-15
                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                           OTHER INFORMATION: synthetic
                                                                                                                                                                               FEATURE:
                                                                                  Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2672
                                 1650 AGAGAAGGCTTCTGCCAGC 1668
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                                                                     l Similarity
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_6734293
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                                                                     Conservative
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                                                                                  Score 14.2; DB 1;
Pred. No. 1.1e+03;
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Pred. No. 1.
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                                                                   Mismatches
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1.1e+03;
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                                                                                                   Length 21;
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                                                                   Indels
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CURRENT APPLICATION NUMBER: US/09/636,596C
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/153,831
PRIOR FILING DATE: 1999-09-14
NUMBER OF SEQ ID NOS: 52
SOFTWARE: Patentin version 3.0
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
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                                                                                                                                                          ; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ()...()
; OTHER INFORMATION: Description of Artificial Sequence: synthetic US-09-636-596C-41
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; OTHER INFORMATION: synthetic
US-09-399-003-65
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US-09-636-596C-41/c
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CURRENT APPLICATION NUMBER: US/09/399,003
CURRENT FILING DATE: 199-09-20
PRIOR APPLICATION NUMBER: PCT/ US98/05497
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: US 08/957,709
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: US 08/822,774
PRIOR APPLICATION NUMBER: US 08/822,774
PRIOR FILING DATE: 1997-03-21
NUMBER OF SEQ ID NOS: 89
                                                                              Best Loc
Matches
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GENERAL INFORMATION:
APPLICANT: Hogrefe, Holly
APPLICANT: Hansen, Connie J
APPLICANT: Hansen, Connie J
TITLE OF INVENTION: Polymerase Enhancing Factor (PEF) Extracts, PEF Protein Complexes
TITLE OF INVENTION: Isolated PEF Proteins, and Methods for Purifying and Identifying
                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: CANFIELD, WILLIAM
TITLE OF INVENTION: PHOSPHODIESTER ALPHA-GLCNACASE OF THE LYSOSOMAL TARGETING PATHWAY
FILE REFERENCE: 10929-0001-77
FILE REFERENCE: 10929-0001-77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.1
SEQ ID NO 65
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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Local Similarity 84.2%;
les 16; Conservative
                                                                                                 Local Similarity
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                                     1286 CAACATGGTGTCCAAGCTC 1304
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CACCATGGGGTTCAAGCTC 2
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                                                                              Conservative
                                                                                              0.3%;
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                                                                           Score 14.2; DB 1;
Pred. No. 1.1e+03;
0; Mismatches 3;
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Pred. No. 1.1e+03;
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RESULT 923
US-09-717-054-75/c
IS-09-717-054-75/c
Sequence 75, Application US/09717054
Patent No. 6774217
GENERAL INFORMATION:
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MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-717-054-73
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Best Local Similarity
Marches 16; Conserv
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Patent No. 6774217
GENERAL INFORMATION:
APPLICANT: Croce, Carlo M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: 73: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/605,430
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Friebel, Thomas E.
REGISTRATION NUMBER: 29,258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
                                                                                                              NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS: Pennie & Edmonds
                                                                                                                                                                            APPLICANT: Croce, Carlo M.

Huebner, Kay
TITLE OF INVENTION: FHIT PROTEINS AND NUCLEIC ACIDS AND
METHODS BASED THEREON
                                                                                                                                                                                                                                                                                                                                                                                                                         4699 GTCCAGCTTCAGTGACACA 4717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/717,054
FILING DATE: 21-No. 6774217-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Huebner, Kay
TITLE OF INVENTION: FHIT PROTEINS AND NUCLEIC ACIDS AND
METHODS BASED THEREON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 8666-005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9990
TELEFAX: (212) 869-9741/8864
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                             CITY: New York
                                                                                                STREET: 1155 Avenue of the Americas
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Pred. No. 1.
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GENERAL INFORMATION:
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Best Local Similarity
                 OPERATING SYSTEM: Macintosh System, 6.
SOTTWARE: Microsoft Word, 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06412
FILING DATE: 19920807
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
FILING DATE: 9 August 1991
ATTORNEY/AGENT INFORMATION:
NAME: Linda Axamethy Floyd
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1031
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MEDIUM TYPE: Floppy Disk
COMPUTER: Macintosh
                                                                                                                                                                                                                                                                                                                                                                         STREET: Lv..
STREET: Wilmington
CITY: Wilmington
CTATE: Delaware
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Sharon J. Keeler
APPLICANT: Janet A. Rice
TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing
NUMBER OF SEQUENCES: 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: E.I. du F
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Friebel, Thomas E.
REGISTRATION NUMBER: 29,258
REFERENCE/DOCKET NUMBER: 8666-005
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/717,054
FILING DATE: 21-No. 6774217-2000
CLASSIFICATION LATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4699 GTCCAGCTTCAGTGACACA 4717
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STRANDEDNESS: single
TOPOLOGY: linear
CULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (212) 869-9741/8864
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                                                                                                                                                                                                                                                                                                                                                                                                                                        1007 Market Street
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Pred. No. 1.1e+03
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; TYPE: RNA; Homo sapiens US-08-998-099-325
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CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037,658
EARLIER FILING DATE: 1997-01-23
EARLIER FILING DATE: 1997-01-23
EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER APPLICATION NUMBER: 08/245,466
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GENERAL INFORMATION:
APPLICANT: Felgner, Phillip L.
APPLICANT: Pelghati Oliver
APPLICANT: Bennett, C. Frank
TITLE OF INVENTION: Chemical Modification Of DNA Using Peptide Nucleic Acid
TITLE OF INVENTION: Conjugates
FILE REFERENCE: ISIS-5197
CURRENT APPLICATION NUMBER: US/09/705,365A
CURRENT FILING DATE: 2000-11-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 325
                                                                                                                                                                                                                 Sequence 8, Application US/09705365A Patent No. 6746868
                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.3%; Score 14; DB 1; L
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 325, Application US/08998099A Patent No. 6103890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 835420
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
les 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic oligonucleotide"
OTHER INFORMATION: /standard_name= "SM 87"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                3922 CGCCGCGGCCGCCG 3935
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.3%; Score 14.2; DB 1; ilarity 84.2%; Pred. No. 1.1e+03; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                0
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 14;
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US-08-363-240A-741
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                                                                    US-08-363-240A-741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 741, Appl
Patent No. 5705388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.2
SEQ ID NO 8
LENGTH: 14
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Matches 14; Conservative (
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              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WOTCH PETFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                                     TELEFAX: (213) 955-04.
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/
TELECOMMUNICATION INFORMATION:
TELECHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOT
TITLE OF INVENTION: PROGRE
TITLE OF INVENTION: PROGRE
TITLE OF INVENTION: OF VAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                 STRANDEDNESS: sin
TOPOLOGY: linear
                                                                                                                                                                                         TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
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                                                                                               H: 15 base pairs
nucleic acid
DEDNESS: single
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Bisgaier, Charles
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Conservative
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0.3%; Score 14; DB 1; Let 85.7%; Pred. No. 6.5e+02; ative 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             METHOD AND REAGENT FOR PREVENTION, INHIBITION OF PROGRESSION AND REGRESSION OF VASCULAR DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1243
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; Pred. No.
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                              Length 15
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Gaps
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RESULT 928
US-08-367-069-1
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US-08-367-069-2
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US-08-367-069-1
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Best Local Similarity 100.0%;
Chas 14; Conservative
                             Sequence 2, Application US/08367069
Patent No. 5811538
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 210/209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: TANK B C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including
PRIOR APPLICATION DATA: described
APPLICATION NUMBER: 08/176,851
FILING DATE: 30 December 1993
CLASSIFICATION: 536
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Timothy A. Riley
APPLICANT: Mark A. Reynolds
APPLICANT: Lloyd R. Snyder
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: IMPROVED PROCESS FOR THE TITLE OF INVENTION: PURIFICATION OF OLIGOMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/367, FILING DATE: December 30, 1994 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE:
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                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                               single
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100.0%; Pred. No. 6.5e+
ive 0; Mismatches
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                                                                                                                                                                                                                                                          Length 15;
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GENERAL INFORMATION:

APPLICANT: Arnold, Lyle J.

APPLICANT: Riley, Timothy A.

APPLICANT: Reymolds, Mark A.

APPLICANT: Schwartz, David A.

TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE

TITLE OF INVENTION: OLIGOMERS

FILE REFERENCE: GENTA.020FW2

CURRENT APPLICATION NUMBER: US/08/885,126A

CURRENT FILING DATE: 1997-06-30

EARLIER APPLICATION NUMBER: 08/343,018

EARLIER FILING DATE: 1994-11-21

EARLIER APPLICATION NUMBER: 08/154,013

EARLIER FILING DATE: 1993-11-16

NUMBER OF SEQ ID NOS: 22
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US-08-885-126-5
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                                                                                                                                                                                                                                                                                               Sequence 5, Application US/08885126A Patent No. 5955597
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Best Local Similarity
Matches 7; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 210/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 536
PRIOR APPLICATION DATA: including
PRIOR APPLICATION DATA: described
PRIOR APPLICATION DATA: described
APPLICATION NUMBER: 08/176,851
PILING DATE: 30 December 1993
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Lloyd R. Snyder
APPLICANT: Robert E. Klem
TITLE OF INVENTION: PURIFICATION OF OLIGOMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (215) ... TELEPHONE: (213) 955-0440
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STATE: California
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STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
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633 West Fifth Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
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APPLICANT: Arnold, Lyle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
TITLE OF INVENTION: OLIGOMES:
FILE REFERENCE: GENTA.020FW2
CURRENT FILING DATE: 1997-06-30
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER APPLICATION NUMBER: 08/154,013
EARLIER FILING DATE: 1994-11-21
EARLIER FILING DATE: 1993-11-16
NUMBER OF SEQ ID NOS: 22
SOFTMARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                     RESULT 932
US-08-340-834-1
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; TYPE: DNA
; PEATURE:
; PEATURE:
; OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-885-126-6/c
                                           APPLICANT: Brian P. Dwyer
APPLICANT: Lyle J. Arnold, Jr.
APPLICANT: Mark A. Reymolds
TITLE OF INVENTION: SYNTHETIC OLIGOMERS HAVING
TITLE OF INVENTION: PHOSPHONATE INTER-
TITLE OF INVENTION: NUCLEOSIDYL LINKAGES OF
TITLE OF INVENTION: WITH NON-PHOSPHONATE
TITLE OF INVENTION: WITH NON-PHOSPHONATE
TITLE OF INVENTION: INTERNUCLEOSIDYL LINKAGES
NUMBER OF SEQUENCES: 4
ENUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                             Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 6
                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/08885126A Patent No. 5955597
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Chemically synthesized oligomer -08-885-126-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH:
                                                                                                                                                                                                                                                                             1, 55
No. 5986083
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100.0%; Pred. No. 6.5e+02;
ative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.3%; Score 14; DB 1; L 00.0%; Pred. No. 6.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 15;
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GENERAL INFORMATION:
APPLICANT: Brian P. Dwyer
APPLICANT: Lyle J. Arnold, Jr.
APPLICANT: Mark A. Reynolds
TITLE OF INVENTION: SYNTHETIC OLIGOMERS HAVING
TITLE OF INVENTION: PHOSPHONATE INTER-
TITLE OF INVENTION: UNDEFINED CHIRALITY MIXED
TITLE OF INVENTION: UNDEFINED CHIRALITY MIXED
TITLE OF INVENTION: WITH NON-PHOSPHONATE
TITLE OF INVENTION: INTERNUCLEOSIDYL LINKAGES
NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                   RESULT 933
US-08-340-834-2
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Best Local S
Matches 14
                                                                                                                                                                                                                                                  Sequence
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CURRENT APPLICATION NUMBER: US/08/340,834

APPLICATION NUMBER: US/08/340,834

FILING DATE: No. 5986083ember 17, 1994

CLASSIFICATION: 536

PRIOR APPLICATION DATA: including application PRIOR APPLICATION DATA: described below: APPLICATION NUMBER: 08/238,177

FILING DATE: 4 May 1994

CLASSIFICATION: 536

APPLICATION NUMBER: 08/233,778

FILING DATE: 4 May 1994

CLASSIFICATION: 536

APPLICATION NUMBER: 08/233,778

FILING DATE: 26 April 1994

CLASSIFICATION: 536
                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 536
APPLICATION NUMBER: 08/154,01
FILING DATE: 16 NO. 5986083em
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 207/
TELECOMMUNICATION INFORMATION:
TELECHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
mes 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                         282 CTCTCTCTCTCT 295
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California
                                                                                                                                                                                                                                                  Application US/08340834
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                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%; Score 14; DB
100.0%; Pred. No. 6.
ative 0; Mismatches
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth
STREET: Suite 4700

COUNTRY: U.S.A.

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Best Local Similarity 50.0%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION UNMER: 30,158
REFERENCE/DOCKET NUMBER: 207/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NFORMATION FOR SEQ ID NO:
                                                                                                                              APPLICANT: DAVID A. SCHWARTZ
APPLICANT: MORTEZA M. VACHEFI
APPLICANT: BOB D. BROWN
TITLE OF INVENTION: SYNTHETIC OLIGOMERS HAVING
TITLE OF INVENTION: CHIRALLY PURE PHOSPHONATE
TITLE OF INVENTION: INTERNUCLEOSIDYL LINKAGES
TITLE OF INVENTION: INTERNUCLEOSIDYL LINKAGES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: No. 5986083ember 17, 1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION UNMBER: 08/238,177
FILING DATE: 4 May 1994
CLASSIFICATION: 536
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                              NUMBER OF SEQUENCES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/233,778
FILING DATE: 26 April 1994
CLASSIFICATION: 536
APPLICATION NUMBER: 08/154,014
FILING DATE: 16 No. 596083ember 1993
CLASSIFICATION: 536
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                                                                                                                                                                                                                                                                                  MARK A. REY
                                                                                                                                                                                                                                                                                                                            RICHARD
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A. RILEY
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Pred. No. 6.5e+02;
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APPLICANT: MORTEZA M APPLICANT: BOB D. BRO TITLE OF INVENTION: OF TITLE OF INVENTION: OF TITLE OF INVENTION: OF TITLE OF INVENTION: OF INVENTION: OF INVENTION:

INTERNUCLEOSIDYL LINKAGES MIXED WITH NON-PHOSPHONATE INTERNUCLEOSIDYL LINKAGES

SYNTHETIC OLIGOMERS HAVING CHIRALLY PURE PHOSPHONATE

BOB D. BROWN

MORTEZA M. VAGHEFI

SCHWARTZ

CORRESPONDENCE ADDRESS: NUMBER OF SEQUENCES:

27

ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700

CITY: Los Angeles STATE: California

COUNTRY:

U.S.A.

APPLICANT:

TIMOTHY

A RILEY

APPLICANT: LYLE J.
APPLICANT: RICHARD
APPLICANT: MARK A.

RICHARD

ARNOLD, JR

0

I. HOGREFE

ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage

1.44 Mb

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                                                          US-08-342-924-2
                                                                         RESULT 935
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                      Patent No.
                                      Sequence 2, Application US/08342924
                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: No. 6028188ember 21,
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including a
PRIOR APPLICATION DATA: described k
APPLICATION NUMBER: 08/154,014
FILING DATE: No. 6028188ember 16,
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REFERENCE/DOCKET NUMBER: 30,158
REGISTRATION NUMBER: 30,158
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA: US APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                    LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.
                                                                                                                                                                                                                   Local
                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                               282 CTCTCTCTCTCTCT 295
                                                                                                                                                                                                   14;
                                                                                                                                1 CTCTCTCTCTCTCT 14
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                                                                                                                                                                                                                 n 0.3%; Score 14; DB 1; Length 15; Similarity 100.0%; Pred. No. 6.5e+02;
                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     No. 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6028188ember 16, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6028188ember 21, 1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US/08/342,924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            including application described below:
                                                                                                                                                                                                   <u>,,</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     210/015
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Best Local S
Matches 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6060456
GENERAL INFORMATION:
APPLICANT: Arnold Jr., Lyle
APPLICANT: Reynolds, Mark A
APPLICANT: Giachatti, Christ
TITLE OF INVENTION: Chimeric
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: 67-3510
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION UNMBER: 30,158
REFERENCE/DOCKET NUMBER: 210/015
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
FILING DATE: 04-MAY-1994
ATTORNEY AGENT INFORMATION:
NAME: Meler, Paul H.
REGISTRATION NUMBER: 32,274
REFREENCE/DOCKET NUMBER: 207/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application application parts: described below:
APPLICATION NUMBER: 08/154,014
FILING DATE: No. 6028188ember 16, 1993
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth St.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      CONTROL OF INVENTION: Chimeric Oligonucleoside Compounds
                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                COUNTRY: U
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                                                                                                                                                                                                                                                                                                                                                                                     CITY: Los Angeles
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                    FILING DATE
                                                                                                                                                                                                       APPLICATION NUMBER:
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50.0%; Pred. No.
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6028188ember 21, 1994
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\: described below:
08/154,014
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
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Best Local Similarity
Matches 14; Conserv
                                                  TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base ~ ~ 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Reynolds, Mark A
APPLICANT: Giachetti, Christina
TITLE OF INVENTION: Chimeric Oligonucleoside Compounds
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth St.
                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/238,177 FILING DATE: 04-MAY-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                    CLASSIFICATION: PRIOR APPLICATION DATA:
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TOPOLOGY: 1:
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CITY: L
                                                                                                                                                                                  NAME: Meier, Paul H.
REGISTRATION NUMBER: 32,274
REFERENCE/DOCKET NUMBER: 20
                                                                                                                               TELEPHONE: 213/489-16
TELEFAX: 213/955-0440
                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/960,111 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                               STRANDEDNESS:
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TOPOLOGY: lir
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Conservative (
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other nucleic acid
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100.0%; Pred. No.
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ches 0; Indels
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                             Query Match
Best Local Similarity
Matches 14; Conserv
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US/08/
APPLICATION OF MAY-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                    NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                 NAME: Meier, Paul H.
REGIERATION NUMBER: 32,274
REFERENCE/DOCKET NUMBER: 20.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
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ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth St.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Reynolds, Mark A
APPLICANT: Giachetti, Christina
TITLE OF INVENTION: Chimeric Oligonucleoside Compounds
                                                                                                                                                                                                  ANTI-SENSE:
                                                                                                                                                                                                                HYPOTHETICAL:
                                                                                                                                                                                                                                MOLECULE TYPE: other nucleic acid
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NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Arnold Jr., Lyle J
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TELEFAX: 67-3510
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Local Similarity 50.0%;
hes 7; Conservative
                                                                                                                            NAME/KEY: oligomers 2323-1, 2253-1, 2252-1
IDENTIFICATION METHOD: synthesis experiments
OTHER INFORMATION: complementary to synthetic
                                                                                                                 OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                               STRANDEDNESS: single
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 282 CTCTCTCTCTCT 295
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                                Conservative
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100.0%; Pred. No.
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Pred. No. 6.5e+02;
                                Mismatches
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                                                DB 1; L
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US-09-162-484-6
                                                                                        US-09-162-484-6
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TITLE OF INVENTION: Modified Oligonucleotides
FILE REFERENCE: 4-19835/A/PCT
CURRENT APPLICATION NUMBER: US/08/687,456B
CURRENT FILING DATE: 1996-11-12
EARLIER APPLICATION NUMBER: PCT/EP96/00156
EARLIER FILING DATE: 1995-01-17
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 6, Application US/09162484
Patent No. 6248724
GENERAL INFORMATION:
                                                                                                                                                                                                                                       APPLICANT: Phillips, M. Ian
APPLICANT: Whillips, M. Jan
APPLICANT: Mohuczy, Dagmara
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS TARGETED TO
TITLE OF INVENTION: ANGIOTENSIN CONVERTING ENZYME MRNA AND METHODS OF USE
FILE REFERENCE: UFLA:087/UFLA087P
CURRENT APPLICATION NUMBER: US/09/162,484
CURRENT FILING DATE: 1998-09-25
EARLIER APPLICATION NUMBER: 60/059,661
EARLIER FILING DATE: 1997-09-25
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.0
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Best Local
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LENGTH: 15
                                              Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lebreton, Jacques APPLICANT: Bevierre, Marc-Olivier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: De Mesmaeker, Alain APPLICANT: Waldner, Adrian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE: FEATURE: NAME/KEY: modified_base LOCATION: (4)
OTHER INFORMATION: n is Tb as shown on page 79 of the specification FEATURE:
                                                                                                         OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide OTHER INFORMATION: primer
                                                                                                                                                   FEATURE:
                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                   LENGTH: 15
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                          Local
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                          Similarity
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100.0%; FI
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                          0.3%; Score 14; DB 1;
100.0%; Pred. No. 6.5e+(
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Pred. No. 6.5e
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6.5e+02;
                          6.5e+02;
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US-09-490-774-1
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Best Local Similarity
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APPLICANT: Arnold
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/960
FILING DATE:
APPLICATION NUMBER: US/08/
FILING DATE: 04-MAY-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 67-3510
(NFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Arnold Jr., Lyle J
APPLICANT: Reynolds, Mark A
APPLICANT: Giachetti, Christina
TITLE OF INTENTION: Chimeric Oligonucleoside Compounds
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELLEPHONE: 213/489-1600
TELEPHAN: 213/955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                     ANTI-SENSE:
                                                                                                                                                                                                                           NAME/KEY: CT oligomers 2286-1, 2288-1, 2793-1, NAME/KEY: 2781-1, 2782-1, 3253-1, 2768-1, 2793-1, NAME/KEY: 2760-1, 2784-1, 2795-1, 2765-1, 2792-1 IDENTIFICATION METHOD: synthesis experiments OTHER INFORMATION: complementary to synthetic RNA OTHER INFORMATION: target
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 611 West & CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Meier, Paul H. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                          IOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/490,774
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                      282 CTCTCTCTCTCTCT 295
                                                                                                                                          14;
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                                                                   CTCTCTCTCTCTCT 14
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611 West Sixth
                                                                                                                                          Conservative
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                                                                                                                                                       0.3%; Score 14; DB 1; 1 100.0%; Pred. No. 6.5e+02
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IDENTIFICATION METHOD:
US-09-490-774-2
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Sequence 10, Application US/09490774
Patent NO. 6262036
GENERAL INFORMATION:
APPLICANT: Arnold Jr., Lyle J
APPLICANT: Reynolds, Mark A
APPLICANT: Giachetti, Christina
TITLE OF INVENTION: Chimeric Oligonucleoside Compounds
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: 611 West Sixth St.
                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 50.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
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APPLICANT: Arnold Jr., Lyle J
APPLICANT: Reynolds, Mark A
APPLICANT: Giachetti, Christina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
APPLICATION NUMBER: US/08/238,177
APPLICATION NUMBER: US/08/238,177
APPLICATION OF AMA-1994
ATTORNEY/AGENT INFORMATION:
NAME: Meier, Paul H.
REGISTRATION UMBER: 32,274
REFERENCE/DOCKET NUMBER: 207/174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                HYPOTHETICAL: no ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: OU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: 213/489-1600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 611 West & CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 213/489-16
TELEFAX: 213/955-0440
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                                                                                                                                                                                                                                                                    282 CTCTCTCTCTCT 295
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611 West Sixth
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WENTION: Chimeric Oligonucleoside Compounds
NEOUENCES: 27
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Pred. No. 6.5e+0;
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                                                         CURRENT APPLICATION NUMBER: US/09/349,035
CURRENT FILING DATE: 199-07-07
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/09349035 Patent No. 6414135
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Best Local Similarity
                                                                                                                                                                                                            APPLICANT: Manoharan, Muthiah.
APPLICANT: An, Haoyun
TITLE OF INVENTION: C3'. Methylene Hydrogen Phosphonate Monomers and Related Compounds
FILE REFERENCE: Isis-3311
                                                                                                                                                                                                                                                                  APPLICANT: Cook, Philip Dan
APPLICANT: Wang, Tingmin
APPLICANT: Manoharan, Muthiah.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/960
FILING DATE:
APPLICATION NUMBER: US/08/
FILING DATE: 04-MAY-1994
ATTORNEY/AGENT INFORMATION:
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
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MOLECULE TYPE: oth
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REGISTRATION NUMBER: 32,274
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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TELEPAX: 67-3510
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IDENTIFICATION METHOD: synthesis experiments
OTHER INFORMATION: complementary to synthetic RNA
OTHER INFORMATION: target
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Pred. No.
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US-08-373-124A-1625
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Best Local Similarity
                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (4)..(5)
'OTHER INFORMATION: *=3'-methylenephosphonate linkage; M=2'-O-methyl nucleotide NAME/KEY: misc_feature
LOCATION: (4)..(4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: n=5-methyluridine
                                                  SEQUENCE CHARACTERISTICS LENGTH: 17 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                           FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
                                                                                                                                                                REGISTRATION NUMBER: 32,327
REFERENCE/OOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: METHODS AND COMPOSITIONS TITLE OF INVENTION: TREATMENT OF RESTENOSIS & TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                               TELEFAX: 12-10 TELEFAX: 67-3510
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                 FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
                                 STRANDEDNESS:
                                                                                                                                                                                                                                           NAME: Warburg, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       279 TTTCTCTCTCTCTCT 293
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Jarvis, Thale
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                                                                                                                                               (213) 955-0440
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                                                                                                             1625:
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Pred. No. 6.5e
0; Mismatches
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Query Match Best Local Similarity

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Score 14; Pred. No.

Length

Mismatches

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US-08-435-628-1625
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                                                                                                                         Query Match
Best Local Similarity
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                                                                                                           Matches
                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: IBM P.C. DOS 5.
OPERATING SYSTEM: IBM P.C. DOS 5.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/373,124
PRIOR APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/987,132
FILING DATE: August 26, 1992
APPLICATION NUMBER: 07/987,132
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Warburg, Richard REGISTRATION NUMBER: 32,327 REFERENCE/DOCKET NUMBER: 20
                                                                                                                                                                                                      STRANDEDNESS:
TOPOLOGY: lin
                                                2320 AAAAAATCAAGCAG 2333
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                                                                                                         Conservative
                                                                                                                                                                                                        linear
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                                                                                           Score 14; DB 1; Pred. No. 8.3e+02; Indels
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                      Sequence 894, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Escobedo, Jaime
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US-08-584-040-2349
                                                                                                                                                                                                        RESULT 948
                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic sold
                                                                                                                                                                                    US-09-371-772B-894
                                                                                                                                                                                                                                                                                                                                        Query Match 0.3%;
Best Local Similarity 85.7%;
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION UNMBER: 60/005,974
APPLICATION NUMBER: 60/005,974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: October 26, 1995
ATTORINY AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICANT: Stinchcomb, Dan T.
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CITY: Los Angeles
STATE: California
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TELEFAX: (213) 955-0440
TELEX: 67-3510
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STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                      363 CAGGAAGTCAGTCA 376
T: Pavcó, Pam
T: McSwiggen, Jim
T: Stinchcomb, Dan
T: Escobedo, Jaime
'INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
                                                                                                                                                                                                                                                               1 CAGGAAGUCAGUCA 14
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TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVEL
OF VASCULAR ENDOTHELIAL
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Pred. No. 8.3e+02;
Pred. reatches 0;
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                                                                                                                                US-09-866-108A-6402
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                          SEQ ID NO 6402
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LENGTH: 17
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ORGANISM: Homo sapiens
-09-371-772B-894
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEGONICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 6686188
SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ·09-866-108A-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
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CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                             Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                       ENGTH:
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FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00663
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12; Conserv
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PENN, Sharron G.
HANZEL, David K.
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    Score 14;
Pred. No.
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Pred. No. 8.3e+02;
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                                      Length 17;
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GENERAL INFORMATION:

APPLICANT: John Landers APPLICANT: David Houseman APPLICANT: Barbara Jordan APPLICANT: Alain Charest

TITLE OF INVENTION: Methods and TITLE OF INVENTION: Genotyping

Products Related and DNA Analysis

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Sequence 348, Application US/09404912 Patent No. 6703228

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US-09-404-912-348/c
                                                                                                                                                                                                                     ; ORGANISM: Homo sapiens US-09-866-108A-6406
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US-09-866-108A-6406
                                                                                                                                                                                                                                                                       ; Patent No. 6686
; SEQ ID NO 6406
; LENGTH: 17
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                                                                                                                                                Matches
                                                                                                                                                                                 Query Match
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                                                                                                                                                                Best Local
                                                                                                                                                                                                                                                                                                                              SOFTWARE: Aeomica
                                                                                                                                                                                                                                                                                                                                                 Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SHANNON, MATK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/US01/00663
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
                                                                                                     3059 GATCAAGCTGCAGA 3072
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3058 AGATCAAGCTGCAG 3071
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                                                                                                                                                14;
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                                                                                                                                                                  Similarity
                                                                                                                                                                                                                                                                                                               6686188
                                                                      GATCAAGCTGCAGA 14
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                                                                                                                                                                                                                                                                                                                                Sequence Listing Engine
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                                                                                                                                                                Score 14;
Pred. No.
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                                                                                                                                                Mismatches
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; ANTI-SENSE: US-07-903-466-28
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; ORGANISM: Homo Sapiens
US-09-404-912-348
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                                                                                                                                                                                                                NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: 91-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-777-9275
TELEPHONE: 415-777-9275
TELEPHONE: 415-543-4219
INFORMATION FOR SEQ ID NO: 28:
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Best Local Similarity
Matches 14; Conserv
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SEQ ID NO 348
LENGTH: 17
 Query Match
Best Local Similarity
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CURRENT FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
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                                                                                   TOPOLOGY: lir
MOLECULE TYPE:
HYPOTHETICAL: 1
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                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
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FILING DATE: 19920622
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Gene for Ataxia-Telangiectasia TITLE OF INVENTION: Complmentation Group D (ATDC) NUMBER OF SEQUENCES: 45
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STREET: St
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STREET: Plaza
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California
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Painter, Robert B.
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100.0%; Pred. No. 8.3e+02;
ative 0; Mismatches 0;
0.3%; Score 14;
100.0%; Pred. No.
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 DB 1; Lo
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                  Length 18;
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                                                                                                                                 Matches
                                                                                                                                                                Query Match
Best Local Similarity
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FILING DATE: 14-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/917,988
FILING DATE: 24-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION UMBER: US 07/872,114
FILING DATE: 22-APR-1992
PRIOR APPLICATION DATA:
APPLICATION:
APPLICATION DATA:
APP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: HOSCheit, Dale H
REGISTRATION NUMBER: 19,090
REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/875,788
FILING DATE: 29-APR-1992
PRIOR APPLICATION DATA:
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TITLE OF INVENTION: Ligand Growth Factors that Bind to the
TITLE OF INVENTION: erbB-2 Receptor Protein and Induce Cellular Response
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TELEFAX: 202-508-9299
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                                                                  552 AAGGCGGAGGAGCT 565
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EDNESS: both
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                                                                                                                          0.3%; Score 14; DB 1; Lilarity 100.0%; Pred. No. 9.2e+02; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                        unknown
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RESULT 955
US-09-161-244-44
; Sequence 44, Application US/09161244
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                                                                                                                                                 Query Match
Best Local Similarity
Matches 14; Conserv
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILLING DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/528,438
TITING DATE: 25-MAY-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 24-JUL-1992
PRIOR APPLICATION DATA:
PRILITATION NUMBER
                                                                                                                                                                                                                                                                                                                                                                         NAME: HOSCheit, Dale H
REGISTRATION NUMBER: 19,090
REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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MEDIUM TYPE: Floppy (
COMPUTER: IBM PC com
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APPLICATION NUMBER:
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APPLICATION NUMBER:
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TOPOLOGY: un
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TILE OF INVENTION: Ligand Growth Factors that Bind to
TILE OF INVENTION: erbB-2 Receptor Protein and Induce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 08/096,277
FILING DATE: 26-JUL-1993
APPLICATION NUMBER: US 07/875,788
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OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 29-APR-1992
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DEDNESS: both
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22-APR-1992
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31-OCT-1995
                                                                                                                                                                                                                                DNA (genomic)
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/ 100.0%; Pr
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Pred. No.
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9.2e+02;
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US-08-703-089-9
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Patent No. 6040290
GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
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CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 91
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bennett, C. Frank APPLICANT: Cowsert, Lex M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                     APPLICATION NUMBER: US 07/917,988
FILING DATE: 24-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/872,114
FILING DATE: 22-APR-1992
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PRIOR APPLICATION UNMER: US 07/640,497
FILING DATE: 14-JAN-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lippman, Marc E
APPLICANT: Lupu, Ruth
TITLE OF INVENTION: Ligand Growth Factors that Bind to the
TITLE OF INVENTION: erbB-2 Receptor Protein and Induce Cellular Response
                                                 FILING DATE: 25-MAY-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
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APPLICATION NUMBER:
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REFERENCE/DOCKET NUMBER:
                                                                                         APPLICATION NUMBER:
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1001 G Street, N.W.
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                                                                                         US 07/528,438
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100.0%; Pred. No.
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19,090
R: 02899.43360
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US-09-071-433-22/c
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                                                                     CURRENT APPLICATION NUMBER: US/09/071,433A
CURRENT FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PATENTIN VEY. 2.0
SEQ ID NO 22
LENGTH: 18
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 36
LENGTH: 18
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Best Local Similarity
Matches 14; Conserv
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Matches 14; Conserv
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APPLICANT: Cowsert, Lex M
TITLE OF INVENTION: Antisense Modulation of CD40 Expression
FILE REFERENCE: RTS-0002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/203,623
CURRENT FILING DATE: 1998-12-01
EARLIER APPLICATION NUMBER: US 60/067,293
EARLIER FILING DATE: 1997-12-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Sheppard, Paul O.
APPLICANT: Deisher, Theresa A.
TITLE OF INVENTION: HUMAN THYROID PROTEIN,
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                       LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Oligonucleotide primer ZC15763
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OTHER INFORMATION: Description of Artificial Sequence:Synthetic
                     FEATURE:
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MOLECULE TYPE:
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LENGTH: 18 base pairs
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100.0%; Pred. No. 9.2e+02;
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US-09-522-980-36
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CURRENT FILING DATE: 2000-03-10
EARLIER APPLICATION NUMBER: US 60/067,293
EARLIER FILING DATE: 1997-12-03
NUMBER OF SEQ ID NOS: 39
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 36
LENGTH: 18
                                                                                                                                                                            SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 36 LENGTH: 18
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Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
                                  Matches
                                                                Query Match
                                                 Best Local Similarity
                                                                                                                                                                                                                       FILE REFERENCE: 97-62
CURRENT APPLICATION NUMBER: US/09/522,980
CURRENT FILING DATE: 2000-03-10
EARLIER APPLICATION NUMBER: US 60/067,293
EARLIER FILING DATE: 1997-12-03
NUMBER OF SEQ ID NOS: 39
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APPLICANT: Deisher, Theresa A.
TITLE OF INVENTION: HUMAN THYROID PROTEIN,
FILE REFERENCE: 97-62
                                                                                                                                                                                                                                                                                                                   APPLICANT: Sheppard, Paul O.
APPLICANT: Deisher, Theresa A.
TITLE OF INVENTION: HUMAN THYROID PROTEIN,
                                                                                                        FEATURE: OTHER INFORMATION: Oligonucleotide primer ZC15763
                                                                                                                                             ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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2997 CAGCTGCCCATCTA 3010
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                                 Conservative
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                                                 Score 14;
; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 14; DB 1; 1; Pred. No. 9.2e+02;
                                  Mismatches
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                                                 DB 1; Le 9.2e+02;
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                                                                Length 18;
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RESULT 962
PCT-US93-05794-28
; Sequence 28, Applicatic
; GENERAL INFORMATION:
; APPLICANT: The Regr
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Best Local Similarity
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LENGTH: 18
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APPLICANT: Cohen, Daniel
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APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OP INVENTION: Biallelic markers for use in constructing a high density...
PILE REFERENCE: GENOST.020CP1
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER PILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: upstream amplification primer 99-5379 for SEQ 1644,
                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version:
CURRENT APPLICATION DATA:
                                                                                                               APPLICATION NUMBER: PCT/US93/0579
FILING DATE: 19930618
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/903,466
FILING DATE: 22-JUN-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: The Regents of the University of California TITLE OF INVENTION: Gene for Ataxia-Telangiectasia TITLE OF INVENTION: Complementation Group D (ATDC) NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Leona L. Lauder
STREET: 177 Post Street, Suite 800
NAME: Lauder, Leona L.
REGISTRATION NUMBER: 30,863
REFERENCE/DOCKET NUMBER: 91
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-421-4973
                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: San Francisco
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100.0%; Pred. No.
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                                                  91-077-1 PCT
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; OTHER INFORMATION: Cdc25 hs ribozyme binding site US-09-696-791-3596
                                                                                                                                                                                                                                                                                                       RESULT 964
US-09-696-791-3596
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Cdc25 hs ribozyme binding site US-09-696-791-3595
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 3595
                                                                                               SOFTWARE: Pa
                                                                                                                                                                                                                                                        Patent No. 6770633
GENERAL INFORMATION:
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Best Local
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Best Local
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Patent No. 6770633
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                                                                                                                         CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
                                                                                                                                                                                 APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                             FILE REFERENCE: 480124.407
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      'SEQUENCE CHARACTERISTICS
                               FEATURE:
                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                              ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
                                                                                LENGTH: 19
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les 14; Conservative
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                                                                                                               PatentIn Ver. 2.0
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100.0%; Pred. No.
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b; Pred. No. le+
0; Mismatches
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RESULT 966
US-08-910-629A-36
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                                                                                                                                                                                                                                                                                                                                                                                                                                         PILING DATE: 01-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-54434-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEPAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                       Matches
                                                                                                                                                                       Query Match
Best Local Similarity
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Patent No. 5583023
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APPLICANT: CERUTT
APPLICANT: CROIZI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FORMODATIBLE
COMPUTER: Floppy disk
COMPUTER: FORMODATIBLE
COMPUTER: FORMODATIBLE
COMPUTER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: CROIZIER, Guy
APPLICANT: CROIZIER, Liliane
APPLICANT: DEVAUCHELLE, Gerard
TITLE OF INVENTION: MODIFIED BACULOVIRUS, ITS PREPARATION
TITLE OF INVENTION: PROCESS AND ITS APPLICATION AS A GENE EXPRESSION VECTOR
                                                                                                                                                                                                                                                 NAME/KEY: misc_binding
LOCATION: 5..20
OTHER INFORMATION: /note
OTHER INFORMATION: bound
OTHER INFORMATION: strar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
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                                                                                                               4142 TCTCCCGGGACCTC 4155
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                                                                             TCTCCCGGGACCTC 16
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                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Walter H. Dreger
                                                                                                                                                                       0.3%; Score 14; DB 1; L
100.0%; Pred. No. 1.1e+03;
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                                                                                                                                                                                                                                                 /.note= "SEQ ID NO:5 is covalently
bound between bases 5 to 20 to complementary
strand, SEQ ID NO:4."
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Sequence 36, Application US/09287796A

Patent No. 6133246

GENERAL INFORMATION:
APPLICANT: McKay, Robert A.
APPLICANT: McKay, Robert A.
APPLICANT: McMay, Robert A.
APPLICANT: Monia, Brett
APPLICANT: Monia, Brett
APPLICANT: Moro, Pam
APPLICANT: Gaarde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
FILE REFERENCE: ISPH-0350
CURRENT APPLICATION NUMBER: US/09/287,796A
CURRENT FILING DATE: 1999-04-07
EARLIER APPLICATION NUMBER: 09/130,616
EARLIER FILING DATE: 1998-08-07
EARLIER FILING DATE: 1998-08-07
EARLIER FILING DATE: 1998-08-07
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APPLICANT: Robert A. McKay
APPLICANT: Nicholas M. Dean
APPLICANT: Brett Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: PENTIUM
OPERATING SYSTEM: WINDOWS 9:
SOFTWARE: WORDDEFFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/91
FILING DATE: August 13, 199:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNBER:
FILING DATE:
FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY JAGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/JOCKET NUMBER: ISPH-0215
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIF: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE
TITLE OF INVENTION: COMPOSITONS AND METHODS FOR THE MODULATION OF JNK
TITLE OF INVENTION: PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANTI-SENSE:
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STATE: NJ
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-24
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US-09-444-053-73
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APPLICANT: Donna T. Ward
APPLICANT: LOXM, Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILLNG DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                               SEQ ID NO 24
LENGTH: 20
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Best Local Similarity
Matches 14; Conserv
                               Query Match
Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
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LENGTH: 20
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NUMBER OF SEQ ID NOS: 165
SEQ ID NO 36
                                                                                                                                                                                                           APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
FILE REFERENCE: RTS-0116
CURRENT APPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
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4042 GGCCACCAGGGCCT 4055
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Pred. No. 1.1e+03;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-744A-85
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                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/488,744A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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SEQ ID NO 36
LENGTH: 20
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Best Local Similarity
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                                                                        Matches
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Best Local S
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APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Monia, Brett
APPLICANT: Monia, Brett
APPLICANT: Monia, Brett
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
FILE REFERENCE: ISPH-0318
FILE REFERENCE: ISPH-0318
CURRENT APPLICATION NUMBER: US/09/130,616C
CURRENT FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: William Gaarde
APPLICANT: Donna T. Ward
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
FILE REFERENCE: F
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FEATURE:
OTHER INFORMATION: Synthetic Sequence
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VENTION: ANTISENSE MODULATION OF MEKK2 EXPRESSION
                                                                        Conservative
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100.0%; Pred. No. 1.1e+03;
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100.0%; Pred. No. 1.1e+03;
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                                                                      Mismatches
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RESULT 972 US-09-780-175-25

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RESULT 974
US-09-705-267A-177
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; Sequence 11201, Application US/09422978
; Patent No. 6537751
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                                     Sequence 177, Application US/09705267A Patent No. 6551826 GENERAL INFORMATION:
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Best Local Similarity 100.
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Best Local Similarity
Matches 14; Conserv
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Chumakov, Ilya

IIILE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION UNMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-04-21
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION
                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: downstream amplification primer 99-3373 for SEQ 3336, in compleme .09-422-978-11201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: RTS-0164
CURRENT APPLICATION NUMBER: US/09/780,175
CURRENT FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, Marta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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ORGANISM: Artificial Sequence
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LOCATION: 1..20
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  Hong Zhang
Susan M.
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Freier
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Pred. No.
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hes 0;
                                                                                                                                                                                                                                                                               1.1e+03;
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US-09-198-452A-6546/c
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                                                                       US-09-198-452A-6743
                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and
TITLE OF INVENTION: thereof and uses thereof, in particular f
TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 177
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6546
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumo
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GENERAL INFORMATION:
                                                                                                                                      NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6743
                                                                                                                                                                                                                                                                                                                Sequence 6743, Application US/09198452A
Patent No. 6559294
                                 Query Match
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Best Local Similarity
Matches 14; Conserv
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence
TITLE OF INVENTION: thereof and uses thereof, in particul
TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/198,452A CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/198,452A CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 9710-003-999
                                                                                      TYPE: DNA
ORGANISM: Chlamydia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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                                                                                      pneumoniae
0.3%; Score 14; DB 1; L
100.0%; Pred. No. 1.1e+03;
Live 0; Mismatches 0;
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100.0%; Pred. No. 1.1e+03;
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RESULT 979
US-09-422-978-10682/c
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US-10-029-517-61/c
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APPLICANT: HOUSMAN, DAVID E.
APPLICANT: LEDLEY, FRED D.
APPLICANT: STANTON, VINCENT P., JR.
APPLICANT: STANTON, VINCENT P., JR.
TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING
TITLE OF INVENTION: CHANGES
TITLE OF INVENTION: CHANGES
                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 42
GENERAL INFORMATION:
                                                                                                                                                                                       Matches
                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 42, Application US/09045054 Patent No. 6200754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity Matches 14; Conserv
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kenneth W. Dobie
APPLICANT: Susan J. Myere
TITLE OP INVENTION: ANTISENSE MODULATION OF MUCIN 1,
FILE REFERENCE: RTS-0352
CURRENT APPLICATION NUMBER: US/10/029,517
CURRENT APPLICANTION NUMBER: US/10/029,517
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 107
                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/045,054
CURRENT FILING DATE: 1998-03-19
                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 233/055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                     OTHER INFORMATION: The letter "y" stands for c or t.
                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                   3720 GGCGAGGGGCCCGGCA 3735
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Pred. No.
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Pred. No. 1.2e+03
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1.1e+03;
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APPLICANT: BOLK, Stacey
APPLICANT: Bolk, Stacey
APPLICANT: Bolk, George Q.
APPLICANT: McCarthy, Jeanette J.
FILE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1891
LENGTH: 21
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US-09-657-472-1891
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LENGTH: 21
                                                                                 Matches
                                                                                                  Query Match
Best Local
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
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EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-19155 for SEQ 2817, in complet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                                      5229 ATGATGGAAGTCTGCG 5244
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ATGATGRATGTCTGCG 20
                                                                               Conservative
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100.0%; Pred. No. 1.2e+03;
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Pred. No. 1
                                                                                 Mismatches
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RESULT 981 US-09-657-472-2141/c

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                                                                                                                                                ; TYPE: DNA; ORGANISM: Homo sapiens US-09-657-472-2380
                                                                                                                                                                                                                                                                        FILE REFERENCE: 2825.1027-001

CURRENT APPLICATION NUMBER: US/09/657,472

CURRENT FILING DATE: 2000-09-07

PRIOR APPLICATION NUMBER: US 60/153,357

PRIOR APPLICATION NUMBER: US 60/220,947

PRIOR APPLICATION NUMBER: US 60/220,947

PRIOR APPLICATION NUMBER: US 60/225,724

PRIOR APPLICATION NUMBER: US 60/225,724

PRIOR APPLICATION NUMBER: US 60/225,724

PRIOR FILING DATE: 2000-08-16
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US-09-657-472-2380
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2380
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2141
                                                                           Matches
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                                                                                                          Query Match
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APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
PTILE REFERENCE: 2825.1027-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 672706
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APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Miche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                         ENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH:
                                                                                          Local Similarity
                                     4079 AAGCCCTCAGTGAGCT 4094
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION:
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AAGCCCTYAGTGAGAT 19
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Ireland, James S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bolk, Stacey
                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/09657472
                                                                                          0.3%;
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Pred. No. 1.2e+03
                                                                                          Score 14; I
Pred. No. 1
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                                                                           Mismatches
                                                                                            .2e+03
                                                                         1; Indels
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                                                                                                            Length 21;
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RESULT 983
US-07-954-830-2/c
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Patent No.
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MOLECULE TYPE: genomic DNA
HYPOTHETICAL: yes
ANTI-SENSE: no
ORIGINAL SOURCE: muscle mRNA
ORGANISM: horse
STRAIN: Quarter Horse
TISSUE TYPE: adult skeletal muscle
CELL TYPE: myofiber
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SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/
FILING DATE: 19921001
CLASSIFICATION 9435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                           PUBLICATION INFORMATION:
AUTHORS: RUDOLPH, J.A.
AUTHORS: SPIER, S.J.
AUTHORS: BYRNS, G.
AUTHORS: ROJAS, C.V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IDEA COMPATIBLE TO COMPAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
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TELEFAX: 277871
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NAME/KEY:
NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                             LOCATION: domain IV, region S3
IDENTIFICATION METHOD: cross-sg
IDENTIFICATION METHOD: previous
OTHER INFORMATION: complete hor
OTHER INFORMATION: known; corre
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5. 5356777
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    Periodic Paralysis
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Spier, Sharon J.
Rudolf, Jeffrey A.
Byrns, Glen
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                                     BERNOCO, D.
HOFFMAN, E.P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sequence of horse sodium channel gene containing mutation causing hyperkaelemic
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                                                                                                                                                                                                                                                                                                                      known; corresponds to nucleotides of human sequence
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DD: previously described rat and human sequences
complete horse sequence not
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In Quarter Horses:
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US-08-373-124A-1437; Sequence 1437, Application US/08373124A; Patent No. 5646042
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                                                                     RESULT 985
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                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                    Query Match
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ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION UNMEER: 28,678
REFERENCE/DOCKET NUMBER: 4468
TELECOMMUNICATION INFORMATION:
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TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
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CURRENT APPLICATION DATA:
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TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                     Local Similarity
mes 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: May 12, 1994 CLASSIFICATION: 514
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ZIP: 10112
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ENGTH:
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T: 30 Rockefeller Plaza
New York
: New York
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5571937
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EDNESS: double
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: Nature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                      0.3%;
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                                                                                                                                                                                                                                                      Score 13.8;
Pred. No. 9
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                                                                                                                                                                                                                                   Mismatches
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                                                                                                                                                                                                                                                           .1e+02;
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                                                                                                                                                                                                                                                                                    DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1; Length 17;
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                                                                                                                                                                                                                                                                               Length 17;
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                                                                                                                                                                                                                                                         US-08-373-124A-1471
                                                                                                                                                                                                                                                                                    RESULT 986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-373-124A-1437
                                                                                                                                                                                                       Sequence 1471, Application US/08373124A Patent No. 5646042
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local :
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                                                                                                                                                                                      GENERAL INFORMATION:
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                   TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                     APPLICANT:
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CORRESPONDENCE ADDRESS:
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TOPOLOGY: 111
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STATE: California
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                                                                                      Jarvis, Thale
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                                                                                                                                     Draper, Kenneth
                                                                                                                                                           Stinchcomb, Dan T.
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                                            METHODS AND COMPOSITIONS FOR TREATMENT OF RESTENOSIS AND
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                      CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
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Pred. No. 9.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
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Best Local
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TIPE

TELECOMUNICATION NUMBER: 07/987,132

PULING DATE: August 26, 1992

ATTORNEY AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32.77

TELECOMUNICATE

TELE
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APPLICANT: Watanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    tent No. 5652350
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MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. D
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: CONUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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CURRENT APPLICATION DATA:
                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
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                                                                                                                                                                                                             CITY: New York
STATE: New York
COUNTRY: U.S.A.
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                                          OPERATING SYSTEM:
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DEDNESS: single
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: California
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                                                                                                                                                                                                                                                                                                                                          E: Cooper & Dunham LLP
1185 Avenue of the Americas
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                                                                             IBM PC
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Patentin Release #1.24
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82.4%; Pred. No. 9.1e+02;
ative 1; Mismatches
                                      PC-DOS/MS-DOS
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US-08-782-047-9/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.3%; Score 13.8; DB 1; Best Local Similarity 88.2%; Pred. No. 9.1e+02; Matches 15; Conservative 0; Mismatches 2
                                                                                                                                                                                                               APPLICATION NUMBER: US/08/782,047
FILING DATE: January 10, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/760,246
FILING DATE: December 4, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/749,431
APPLICATION NUMBER: 08/749,431
FILING DATE: NO. 5795726ember 15, 1996
PRIOR APPLICATION DATA:
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APPLICANT: Glucks
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INFORMATION FOR SEQ ID NO:
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
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LENGTH: 17 base pairs
TYPE: nucleic acid
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APPLICATION NUMBER: US/08.
FILING DATE: June 7, 1995
CLASSIFICATION: 435
                                                                                                                                                     APPLICATION NUMBER: 08/748,229
FILING DATE: No. 5795726ember
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
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REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 440
TELECOMMUNICATION INFORMATION:
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                                                                           TELECOMMUNICATION INFORMATION
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ADDRESSEE: LAHIVE & COCKFIELD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                NAME: Arnold, Beth E. REGISTRATION NUMBER: 35 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: double TOPOLOGY: linear
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                                                           TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Glucksmann, M. Alexandra
VENTION: Therapeutic Compositions and Methods and
                                       : (617)227-7400
(617)227-5941
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US-08-782-047-27/c
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US-08-782-047-9
                                                                                   Query Match
Best Local :
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Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                     Matches
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/749,431
FILING DATE: NO. 5795726ember 15, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/748,229
FILING DATE: NO. 5795726ember 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: ATHOLOGY BETH E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIQ-011CP3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/782,047
FILING DATE: January 10, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/760,246
FILING DATE: December 4, 1996
                                                                                                                                                        MOLECULE TYPE:
                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: The NUMBER OF SEQUENCES: 3: CORRESPONDENCE ADDRESS:
                                                                                     Local Similarity
                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                       TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
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                                  580 GCAAGGACGGAGCTTC 596
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                                                                                                                                                                                                        nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Glucksmann, M. Alexandra
VENTION: Therapeutic Compositions and Methods and
                                                                   Conservative
                                                                                                                                                                                                                                                                             (617) 227-5941
                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LAHIVE & COCKFIELD
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                                                                                   0.3%;
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                                                                                   Score 13.8; DB 1;
Pred. No. 9.1e+02;
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Pred. No. 9.1e+02;
0; Mismatches 2
                                                                 Mismatches
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                                                                                                Length 17;
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RESULT 991
US-08-758-306-1077
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                                                                                                                                                                                                                                                                                        Sequence 1077, Application US/08758306 Patent No. 5807743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.3%; Score 13.8; DB 1; Best Local Similarity 88.2%; Pred. No. 9.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 617-832-10
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.02
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Glucksmann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;
TITLE OF INVENTION: AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
NUMBER OF SEQUENCES: 27
                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION: NAME: Arnold, Beth E.
                                                                                            NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0
                                      STREET: 633 West Fifth
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 15
CLASSIFICATION:
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 02109-2170
                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                       580 GCAAGGACGGGAGCTTC 596
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                                                                                                                                                                                                                              McSwiggen, James A.
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                                                                                                                                                                                                                                                  Stinchcomb,
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                                                                          Lyon & Lyon
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                                                                                                                                     INTERLEUKIN-2 RECEPTOR GAMMA-CHAIN EXPRESSION
                                                                                                                                                         ASSOCIATED WITH INTERLEUKIN-2 R
                                                                                                                                                                                           METHOD AND REAGENT FOR TREATMENT OF DISEASES
                                                                                                                   1379
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US-08-435-628-1437
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.3%;
Best Local Similarity 70.6%;
Matches 12; Conservative
PILING DATE: 05-MAY-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
FILING DATE: January 13, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                         SOFTWARE: WORD PEFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/4
FILING DATE:
                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Btorage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOTTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 17 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Jarvis, Thale
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                                                                                                                              US/08/435,628

 Mismatches

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Pred. No. 9.1e+02;
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RESULT 993
US-08-435-628-1471
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.3%;
Best Local Similarity 76.5%;
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/435,621
FILING DATE: 05-MAY-1995
CLASSIFICATION = 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
FILING DATE: December 7, 1992
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APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
APPLICATION NUMBER: 32,327
FILING DATE: August 26, 1992
APPLICATION NUMBER: 32,327
RESERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: JARVIS, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TRANSMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Stinchcomb, Dan T. APPLICANT: Draper, Kenneth APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single TOPOLOGY: linear
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Pred. No. 9.1e+02;
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                                                                                         US-08-497-535-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, 585694
Patent No. 585694
GENERAL INFORMATION:
APPLICANT: Sidransky, David
APPLICANT: Baylin, Stephen
TITLE OF INVENTION: METHOD OF DETECTION OF NEOPLASTIC
TITLE OF INVENTION: CELLS
TITLE OF INVENTION: CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                              Matches
                                         Query Match
Best Local Similarity
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                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Haile Ph.D, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 0726
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
                                                                                                                                                                                                  TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLEGY: linear
                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/497,535
FILING DATE: 30-UN-1995
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 20 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Fish & Ri
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 12-
TELEFAX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
les 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: La Jolla
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Warburg, Richard REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
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 3633 ATGCCGCGGAAGGAACC 3649
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                              Conservative
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                                                                                                     DNA (genomic)
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                                         0.3%;
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Pred. No. 9.1e+02;
1; Mismatches 2
                            0,
                                          Score 13.8; DB 1;
Pred. No. 9.1e+02;
                                                                                                                                                                                                                                                             07265/061001
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                              Mismatches
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                                                         Length 17;
                              Indels
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                                                                                                                                                                                                                                                              Sequence 540,
                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.3%;
Best Local Similarity 88.2%;
                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Akhtar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                            TITLE OF INVENTION: ETITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: ERNST, Barbara G.
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: 1:
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                             APPLICANT:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: ELLIS, John Timothy et al.
TITLE OF INVENTION: Detection of Protozoan Parasites
                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                              APPLICANT:
                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/852,407 FILING DATE: 07-MAY-1997 CLASSIFICATION: 435
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                               STREET: 633 West F
STREET: Suite 4700
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
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Los Angeles
California
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555 13TH STREET, NW
                                              E: Lyon & Lyon
633 West Fifth
                                                                                                                                                                              Fell, Patricia
McSwiggen, James
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                                                                                              OF DISEASES OR CONDITIONS RELATO LEVELS OF EPIDERMAL GROWTH FACTOR RECEPTORS
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Pred. No. 9.
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

IBM Compatible

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Best Local
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SOFTWARE: FASTENCY WINDOWS 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION PATA:
APPLICATION NUMBER: 60/036,476
APPLICATION NUMBER: 60/036,476
APPLICATION NUMBER: 60/036,476
APPLICATION NUMBER: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-100
TELEPAX: (213) 955-0440
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GENERAL I
                                     APPLICATION NUMBER: US/08/924,870A
FILING DATE: 05-SEP-1997
CLASSIFEICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,047
FILING DATE: 10-JAN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.27.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
ELECOMMUNICATION INFORMATION:
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Similarity 88.2%;
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                                                   MIA-011.27.2
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Pred. No. 9.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-924-870A-9
                                                               Query Match 0.3%; Score 13.8; DB 1; Length 17; Best Local Similarity 88.2%; Pred. No. 9.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 27, Application US/08924870A Patent No. 6143491
                                           Matches
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Best Local Similarity 88.2%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/924,870A
FILING DATE: 05-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,047
FILING DATE: 10-JAN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: ATDOLIA BECH E.
REGISTRATION NUMBER: 35,430
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.27.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Gl cksmann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 617-832-7000 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                       TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO:
                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "primer"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                               STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Boston
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TYPE: nucleic acid
STRANDEDNESS: single
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580 GCAAGGACGGGAGCTTC 596
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                                           Conservative
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                                           Mismatches
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                                           Indels
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                                           Gaps
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Best Local Similarity
Matches 15; Conserva
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; ORGANISM: human
US-09-286-529-14
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SEQ ID NO 14
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APPLICANT: Catherine Tribouley
TITLE OF INVENTION: NEW MEMBERS OF THE AND THER FAMILIES
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             APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: 1408.003/20
CURRENT APPLICATION NUMBER:
CURRENT FILING DATE: 1999-C
NUMBER OF SEQ ID NOS: 25
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                                                                                                                                                                                                      OPERATING SYSTEM: IBM P.C. SOPTWARE: WORD PERFECT 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
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California
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633 West Fifth Street
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ION NUMBER: US/09/286,529
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Pred. No. 9.1e+02;
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Query Match
Best Local Similarity
Matches 11; Conserv
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SEQUENCE CHARACTERISTICS
LENGTH: 17 base pairs
                                                                                                                                                             TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMERER: 60/005,974
FILING DATE: October 26, 1995
                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/5
FILING DATE: January 11, 15
                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                           REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 216/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                             FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 8
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                                                                                                                                                                                                                                                              NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Com
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                             LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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MEDIUM TYPE: storage
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                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
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633 West Fifth Street
                                                                                                                                                                                               (213) 955-0440
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Stinchcomb, Dan T.
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January 11, 1996
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                 0.3%;
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47.1%; Pred. No. 9.1e+02;
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TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVEL
OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GROWTH FACTOR
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Score 13.8; DB 1; Pred. No. 9.1e+02; 4; Mismatches 2
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                                  DB 1;
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RESULT 1003
US-09-527-030G-94/c
; Sequence 94, Application US/09527030G
; Patent No. 6402588
; GENERAL INFORMATION:
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Best Local Similarity
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CITY: Los Angeles
STATE: California
COUNTRY: U.S.A
                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                            NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/005,974 FILING DATE: October 26, 1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                             LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM:
                                                                                                                                                         3181 AGCAGTGGGAAGTCACT 3197
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o. 6346398
                                                                                                                        17 AGGAGTGAGAAGTCACT 1
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VAN DOORN,
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Stinchcomb, Dan T.
Escobedo, Jaime
                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pamela
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Leen-Jan et al.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GROWTH FACTOR
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                                                                                                                                                                                                     Score 13.8; DB 1;
Pred. No. 9.1e+02;
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                                                                                                                                                                                        Mismatches
                                                                                                                                                                                                                  Length 17;
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RESULT 1005 US-09-474-432B-835

Sequence 835, Application US/09474432B Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo

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                                                               Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and TITLE OF INVENTION: specific reverse hybridization.

FILE REFERENCE: 3501-0101P
CURRENT APPLICATION NUMBER: US/09/527,030G
CURRENT FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 497
SOFTWARE: PatentIn version 3.0
SEQ ID NO 94
LENGTH: 17
                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.0 SEQ ID NO 468
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
FRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
FRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR PHILING DATE: 1998-11-04
PRIOR PHILING DATE: 1998-11-04
PRIOR FILING DATE: 1998-11-04
PRIOR FILING DATE: 1998-04-28
PRIOR FILING DATE: 1998-04-28
PRIOR FILING DATE: 1999-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No. 652864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 1526
                                                                                                                                                                  TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                          LENGTH: 17
                                   3312 ССТGАССАGСАGСССАС 3328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION:
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Burgin, Alex
Beaudry, Amber
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Sweedler, David
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                                                                           Conservative
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                                                                                         0.3%;
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                                                                                         Score 13.8;
Pred. No. 9.
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Pred. No. 9.1e+02;
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                                                                         Mismatches
                                                                                           8; DB 1;
9.1e+02;
                                                                                                           Length 17;
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RESULT 1007
US-09-371-772B-3040
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US-09-371-772B-2825
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; ORGANISM: Homo sapiens
US-09-474-432B-835
                                                                                                                                                                                                                                                              ; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2825
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PRIOR FILING DATE: 1997-11-05
PRIOR PELICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
                                                                                                                                                                       Query Match 0.3%;
Best Local Similarity 47.1%;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2825
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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Patent No. 6566127
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR FILING DATE: 1996-01-08
PRIOR FILING DATE: 1996-01-08
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CURRENT FILING DATE: 1999-12-19
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TITLE OF INVENTION: Nucleotide triphosphate
FILE REFERENCE: MBHB00-831-B (247/276)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
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McSwiggen, Jim
Stinchcomb, Dan
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Adamic, Jasenka
Sweedler, David
                                                                                       GCAAUGCUUUGUGUGUU 17
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Pred. No. 9.1e+02;
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Pred. No. 9.1e+02;
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; NUMBER OF SEQ ID NOS: 14225; SOFTWARE: PatentIn version 3.0; SEQ ID NO 3650; SEQ ID NO 3650; LENGTH: 17; LENGTH: 17; TYPE: RNA; ORGANISM: Mus sp. US-09-371-772B-3650
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Method and Reagent for the Treatment of TITLE OF INVENTION: Levels of Vascular Endothelial Growth F FILE REFERENCE: MBHB00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1995-10-26

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: Patentin version 3.0

SEQ ID NO 3040

LENGTH: 17
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                                                                                   Query Match
Best Local Similarity
Matches 15; Conserv
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Tocal Similarity
Tonser
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                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/99/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Paroco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
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                          3181 AGCAGTGGGAAGTCACT 3197
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17
AGGAGTGAGAAGTCACT 1
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McSwiggen, Jim
Stinchcomb, Dan
Escobedo, Jaime
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Escobedo, Jaime
                                                                                        Conservative
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                                                                                                           0.3%;
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                                                                                   Score 13.8; DB 1;
Pred. No. 9.1e+02;
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th Factor Receptor
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RESULT 1009 US-09-476-387-467

Application US/09476387

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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-467
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US-09-476-387-834
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PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
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Best Local Similarity 82.4
Matches 14; Conservative
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NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
SEQ ID NO 467
                                                                          SOFTWARE: PatentIn
SEQ ID NO 834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6617438
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                                                                                                                                                                                                  APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR FILING DATE: 1999-04-28
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
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APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shaw
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Beigelman, Leo
                                                                                                                          PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
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ORGANISM: Homo sapiens
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Beigelman, Lec
Beigelman, Lec
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Adamic, Jasenka Matulic
Sweedler, Dave
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Beaudry, Amber
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Pred. No. 9.1e+02;
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US-09-401-063-540/c
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                                                                                                                                                                                 TELEX: 67-3510

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid

TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 15; Conserv
                                                                     Matches
                                                                                    Query Match 0.3%;
Best Local Similarity 88.2%;
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                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: 08/985,162
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: A
APPLICANT: F
APPLICANT: M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATE
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                   TELEPHONE: (213)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                                                                                                                                                                      TELEFAX:
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TOPOLOGY: li
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McSwiggen, James
                                                                     Conservative
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88.2%; Pred. No. 9.1e+02;
htive 0; Mismatches 2;
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                                                                                      Score 13.8;
Pred. No. 9
                                                                     Mismatches
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RESULT 1012 US-09-866-108A-695

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SEQ ID NO 695
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                     PRIOR APPLICATION NUMBER: US 60/207,456 PRIOR FILING DATE: 2000-05-26
                                                                        CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25
                                                                                                             FILE REFERENCE: AEOMICA-7
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PRIOR FILING DATE: 2000-05-26
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ORGANISM: Homo sapiens
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ITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
FILING DATE: 2000-05-26
APPLICATION NUMBER: GB 24263.6
FILING DATE: 2000-10-04
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OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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EL, David
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SEQ ID NO 696
LENGTH: 17
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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                                                      PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                          PRIOR APPLICATION NUMBER: PCT/US01/00668
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ORGANISM: Homo sapiens
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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al Similarity 88.2%;
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Application NOS: 15755
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Matches 15; Conserv
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Patent No. 6686188
SEQ ID NO 1343
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SEQ ID NO 1437
                                                                                              Query Match
                                                                                                                                 -09-866-108A-1437
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236, 3
PRIOR FILING DATE: 2000-09-27
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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ORGANISM: Homo sapiens
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HANZEL, David K.
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Conservative
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Pred. No. 9.1e+02;
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PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-010-04
PRIOR FILING DATE: 2000-010-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR PRIOR DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
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SEQ ID NO 1480
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APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Mensheng
APPLICANT: CHEN, Mensheng
APPLICANT: SHANNON, MAIK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
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TYPE: DNA
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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Local Similarity 88.2%;
hes 15; Conservative
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N, Sharron
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Pred. No. 9.
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FILING

NUMBER: US

60/236,359

2000-09-27 2000-10-04

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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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SEQ ID NO 1682
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Patent No. 6686188
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Best Local
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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APPLICANT: JI, Yongga
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TYPE: DNA
ORGANISM: Homo sapiens
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
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                                                                                        FILING DATE: 2001-01-30 APPLICATION NUMBER: PCT/US01/00668
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RANK, David R.
CHEN, Wensheng
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Pred. No. 9.1e+02;
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See File Wrapper or PALM
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US-09-866-108A-7601
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SEQ ID NO 7601
LENGTH: 17
TYPE: DNA
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SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6485
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                                                                                   Query Match
Best Local Similarity
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US01/00667
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TYPE: DNA
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00663
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APPLICATION NUMBER: PCT/US01/00664
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17 CAGGTAAGATGGTGGCA 1
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PENN, Sharron
HANZEL, David
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                                                                                   Score 13.8;
Pred. No. 9
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Pred. No. 9
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                                                                                                  Length 17;
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APPLICANT: HANZEL, David K.
APPLICANT: HANKEL, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MAX'R
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7775
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PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-30
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Best Local Similarity 88.2
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Patent No. 6686188
SEQ ID NO 7775
                                                                                                                                                                                                                                                                                                                        Sequence 7794, Application US/09866108A Patent No. 6686188
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Patent No. 6686188
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APPLICANT: JI, Yonggai
APPLICANT: PENN, Shar:
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APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
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APPLICATION NUMBER: PCT/US01/00663
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APPLICATION NUMBER: PCT/US01/00664
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CATION NUMBER: US 60/207,456
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FILL REFERENCE: ABONICA-7

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR PILING DATE: 2001-01-30

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SEQ ID NO 7794
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APPLICANT: GU, Yizhong
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Best Local Similarity
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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TYPE: DNA
ORGANISM: Homo sapiens
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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FILING DATE: 2000-10-04
APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
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; ORGANISM: Homo sapiens
US-09-866-108A-8145
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SEQ ID NO 8200
LENGTH: 17
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8145
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Best Local :
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Matches 15; Conserv
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                                                                                                                                             TYPE: DNA
ORGANISM: Homo sapiens
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FILING DATE: 2000-09-27
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APPLICATION NUMBER: PCT/US01/00663
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APPLICATION NUMBER: PCT/US01/00668
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PENN, Sharron
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Pred. No. 9.1e+02;
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US-09-866-108A-10449
; Sequence 10449, Application US/09866108A
; Patent No. 6686188
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SEQ ID NO 10358
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                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                      APPLICANT:
                                                       APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                            APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggai
APPLICANT: PENN, Shar:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                   CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00666
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH:
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Local Similarity 88.2%;
nes 15; Conservative
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APPLICATION NUMBER:
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                                                                                                            JI, Yonggang
PENN, Sharron G
HANZEL, David K
RANK, David R.
CHEN, Wensheng
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PENN, Sharron
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Pred. No. 9.
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                                                                            IN HUMAN HEART AND
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RESULT 1027
PCT-US95-06379-32/c
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                                                                                                                                                                                                                        ; OTHER INFORMATION: Synthetic Oligonucleotide Probe US-09-954-736A-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-954-736A-10
                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/954,736A CURRENT FILING DATE: 2001-09-17 PRIOR APPLICATION NUMBER: US 60/234,674 PRIOR FILING DATE: 2000-09-22 NUMBER OF SEQ ID NO 10 SEQ ID NO 10 LENGTH: 17
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                   Query Match
Best Local Similarity
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APPLICANT: Ross, Sarajane
APPLICANT: Shou, Jianyong
TITLE OF INVENTION: NOTCH RECEPTOR AGONISTS AND USES
FILE REFERENCE: P1848R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Gao, Wei-Qiang
APPLICANT: Koeppen, Harti
APPLICANT: Ross, Sarajan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Aeomica
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                 TYPE: DNA
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OR FILING DATE: 2001-01-30
OR APPLICATION UNMBER: PCT/US01/00669
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00666
OR APPLICATION NUMBER: PCT/US01/00666
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APPLICATION NUMBER: PCT/US01/00667
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6689744
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Pred. No. 9.1e+02
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Pred. No. 9.1e+02;
                                                                                                                                            Mismatches
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                          Sequence 17, Application PC/TUS9606666
GENERAL INFORMATION:
APPLICANT: The Johns Hopkins Univer
TITLE OF INVENTION: METHOD OF DETEC
TITLE OF INVENTION: CELLS
NUMBER OF SEQUENCES: 21
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06379
FILING DATE: May 13, 1994
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4466
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
                                                                                                                                                      COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
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ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
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APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementa
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                   APPLICATION NUMBER: PCT/I FILING DATE: 10-MAY-1996 CLASSIFICATION:
                                                                                                                                                                                                                                                             ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
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CITY: New York
STATE: New Yor
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USA
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1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                        The Johns Hopkins University School of Medicine JENTION: METHOD OF DETECTION OF NEOPLASTIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Roger
N: Complementary DNA and Toxins
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                                                           PCT/US96/06666
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COUNTRY: USA
ZIP: 20001-4598
ZIP: 20001-4598
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/741,940
FILING DATE: 19920109
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 3107.035574
TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                         TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
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MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: INHERITED AND SOMATIC MUTATIONS OF APC
TITLE OF INVENTION: GENE IN COLORECTAL CANCER IN HUMANS
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             LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Haile Ph.D, L: REGISTRATION NUMBER:
 TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GRODEN, JOANNA
HEDGE, PHILIP J.
JOSLYN, GEOFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              KINZLER, KENNETH
MARKHAM, ALEXANDER F.
NAKAMURA, YUSUKE
THLIVERIS, ANDREW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CARLSON, MARY
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linear
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Query Match
Best Local Similarity
Watches 15; Conserve
RESULT 1031
US-08-384-490-10
; Sequence 10, Ap
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                    NAME: Paul T. Clark
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 0078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEPAX: (617) 542-8906
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/07/864,47
FILING DATE: 04-06-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/681,702
FILING DATE: 05-04-1991
ATTORNEY/AGENT INFORMATION:
NAME: Paul T. Clark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION: APPLICANT: Segre,
                                                                                                                                                                                                                                                                             TELEX: 200154
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: AND DNA ENCODING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FITLE OF INVENTION:
                                                                                                                                 0.3%;
Local Similarity 88.2%;
les 15; Conservation
                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Boston
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                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                             LENGTH:
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5494806
                                                                               ACCTGCACAGCCTCATC 2
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Abou-Samra, Abdul-Badi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Juppner,
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VENTION: PARATHYROID HORMONE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Segre, Gino V.
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Pred. No. 1
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Pred. No. 16
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Application US/08384490

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INFORMATION FOR SEQ ID NO: 10
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                      Sequence 41, Application US/08279751B Patent No. 5629413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local Similarity
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APPLICANT: Stoffel, Susanne
TITLE OF INVENTION: Recombinant
TITLE OF INVENTION: Purification
TITLE OF INVENTION: Polymerase
NUMBER OF COOTTON
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APPLICATION NUMBER: US/08/148,133
FILING DATE:
ATTORNEY/ACENT INFORMATION:
NAME: Sias, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 8887
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                    tent No.
                                                                                                                                                                           APPLICANT: Todd C. Peterson
APPLICANT: Jorge Velarde, Jr.
TITLE OF INVENTION: OLIGONUCLEOTIDES WITH
TITLE OF INVENTION: ACTIVITY AGAINST HUMAN
TITLE OF INVENTION: IMMUNODEFICIENCY
TITLE OF INVENTION: VIRUS
                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA REPEASE #1.0, Version #1.25
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DNA (genomic)
                                                                                                                                                           NUMBER OF SEQUENCES:
                  CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
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CLASSIFICATION: 435
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90071-2066
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88.2%;
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                                                                                                 Street
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Pred. No. 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 88,
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                                                 OPERATING SYSTEM: IBM P.C. DOS 6
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/279,75
FILING DATE: July 19, 1994
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNBER: 08/094,390
FILING DATE: July 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: JUNEOR CALIFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/279
FILING DATE: July 19, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/094,39
FILING DATE: July 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Heber, Sheldon O.
REGISTRATION NUMBER: 38,179
REFERENCE/DOCKET NUMBER: 208/
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                             COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 35" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Todd C. Peterson
APPLICANT: Jorge Velarde, Jr.
TITLE OF INVENTION: OLICONUCLEOTIDES
TITLE OF INVENTION: ACTIVITY AGAINST
TITLE OF INVENTION: IMMUNODEFICIENCY
TITLE OF INVENTION: VIRUS
NUMBER OF SEQUENCES: 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                   NAME: Heber, Sheldon O. REGISTRATION NUMBER: 38
REFERENCE/DOCKET NUMBER:
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88.2%; Pred. No. 1e
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208/075
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US-08-384-367-6
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                                                                                                                  US-08-384-367-6
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Best Local Similarity 88.2%;
Matches 15; Conservation
                                                   Query Match
Best Local Similarity
Matches 15; Conserv
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Sequence 6, App...
No. 5629469
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APPLICANT: Deluca-Flaherty, Camille
APPLICANT: Chan, Victor J.
                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 67-3510 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/208,571 FILING DATE: 10-MAR-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                             NAME: MATCUS-WYNEF, LYNN
REGISTRATION NUMBER: 34,869
REFERENCE/DOCKET NUMBER: 13:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
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TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Sandoz Agro, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Scarafia C., Liliana E.
APPLICANT: Brunke, Karen J.
TITLE OF INVENTION: NOVEL THIOL PR
                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: 10-FEE CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                             TOPOLOGY:
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                         CTGAATTTGTGAAGACA 1112
CTGAATTTGTGAACCCA 17
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                                                                                                                                                                         18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              975 California Avenue
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                                                        Conservative
                                                                                                                              linear
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                                                                    0.3%;
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                                                       Score 13.8; I
Pred. No. 1e+C
0; Mismatches
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Pred. No. 16
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                                                                                                                                                                                                                                                                                                                                                                                                                            Version #1.30
                                                                   8; DB 1;
1e+03;
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US-08-327-392-9/c

Patent No. 5633136
GENERAL INFORMATION:

Croce, Carlo

Sequence 9, Application US/08327392 Patent No. 5633136

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US-08-320-559-9/c
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                                                                                 Query Match
Best Local S
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GENERAL INFORMATION:
                                                                    Matches
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TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US/08/062,443
APPLICATION NUMBER: US/07/971,094
PRIOR APPLICATION NUMBER: US/07/971,094
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Canaani, Eli
TITLE OF INVENTION: Diagnostics, Therapeutics and Methods for
TITLE OF INVENTION: Detection and Treatment of Acute Leukemias
TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the
TITLE OF INVENTION: All-1 Region
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US,
FILING DATE: 27-MAY-92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 30-OCT-92
PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5633135ris
STREET: One Liberty Place - 48th Floor
                                                                                                                                                        ANTI-SENSE:
                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 11-DEC-91
ATTORNEY/AGENT INFORMATION:
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CTTY: Philadelphia
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CLASSIFICATION:
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                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                            NAME: DeLuca, Mark REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM:
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                                 4824 ATTCTCCAGTGGAGAGA 4840
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o. 5633135
18 ATCCTCCTGTGGAGAGA 2
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                                                                                    Similarity
                                                                                                                                                                                                       nucleic acid
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Canaani, Eli
                                                                    Conservative
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                                                                                    Score 13.8; DB 1;
Pred. No. 1e+03;
                                                                    Mismatches
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                                                                                                    Length 18;
                                                                    Indels
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US-08-327-392-9
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Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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APPLICATION NUMBER: 07/971,094
FILING DATE: 30-OCT-92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/888,830
FILING DATE: 27-MAY-92
PRIOR APPLICATION DATA:
APPLICATION UNWBER: 07/805,093
FILING DATE: 11-DEC-91
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: ALBERT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TUU-1331
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Canaani, TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION:
                                                 APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/327,392
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ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5633136ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
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                                                                                                                                   CARLSON, MARY
GRODEN, JOANNA
HEDGE, PHILIP J.
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VENTION: ALL-1 Polynucleotides and Monoclonal
VENTION: Antibodies for Leukemia Detection an
KINZLER, KENNETH
MARKHAM, ALEXANDER F.
NAKAMURA, YUSUKE
THLIVERIS, ANDREW
YUSUYION: INHERITED AND SOMATIC MUTATIONS OF APC
VENTION: GENE IN COLORECTAL CANCER IN HUMANS
EQUENCES: 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                   JOSLYN, GEOFF
                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     No
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                                                                                                                                                                                                         ALBERTSEN, HANS
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Pred. No. 1e
                                                                                                                                                                                                                                                                                                                                                                                                                               1e+03;
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RESULT 1038
US-08-452-654-39/c
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NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 1107
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEPAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: ALBERT
                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                               NUMBER OF CONTROL OF THE PROPERTY OF THE PROPE
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APPLICANT:
APPLICANT:
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ORIGINAL SOURCE:
ORGANISM: Hom
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIAN PATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/289,548A
FILLING DATE: 12-AUG-1994
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: KINZLER, KENNETH
APPLICANT: MARKHAM, ALEXANDER F.
APPLICANT: NAKAMURA, YUSUKE
APPLICANT: THLIVERIS, ANDREW
TITLE OF INVENTION: INHERITED AND SOMATIC MUTATIONS OF APC
TITLE OF INVENTION: GENE IN COLORECTAL CANCER IN HUMANS
NUMBER OF SEQUENCES: 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                     STREET: 1001 G Street Washington
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CITY: Washington
                                                                                                                                                                                  COUNTRY: USA
ZIP: 20001-4598
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STRANDEDNESS: single
TOPOLOGY: linear
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CARLSON, MARY
GRODEN, JOANNA
HEDGE, PHILIP J.
JOSLYN, GEOFF
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PatentIn Release #1.0,
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88.2%; Pred. No. 1e
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Version #1.25
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                        SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367
                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Btorage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEPHX: 202-508-9299
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PILING DATE: 08-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wasrburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
                                                                                       FILING DATE: December 23, PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: METHOD AND REAGENT FOR TITLE OF INVENTION: PROCRESSION INHIBITION OF TITLE OF INVENTION: PROCRESSION AND REGRESSION TITLE OF INVENTION: OF VASCULAR DISEASES
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                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                          COUNTRY: 1
ZIP: 9007
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STRANDEDNESS: sing
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REGISTRATION NUMBER:
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Pred. No. 1e+03;
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                                                                US-08-459-383-10
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base To
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Lawyer, Frances C.
APPLICANT: Stoffel, Susanne
TITLE OF INVENTION: Recombinant 1
TITLE OF INVENTION: Purification
TITLE OF INVENTION: Pol-
CORRESPONT
                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 10,
Patent No. 5
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    Matches
                   Best Local
                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                        TELEFAX: (510) 814-29: INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche
STREET: 340 Kingsland Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (510) 814-2863
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                                                                                MOLECULE TYPE:
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                                                                                                                                                                                                                                    NAME: Sias, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 88
                                                                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                                                                                                  FILING DATE:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: New Jersey COUNTRY: U.S.A.
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al Similarity 88.2%;
15; Conservation
0.3%; Score 13.8;
(1 Similarity 88.2%; Pred. No. 1e
15; Conservative
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(213) 955-0440
                                                                             DNA (genomic)
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Pred. No. 1
   Mismatches
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                   1e+03;
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                                  DB 1; Length 18;
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US-08-452-655B-39/c
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                                                                                                                   US-08-452-655B-39
                                                         Matches
                                                                       Query Match
Best Local (
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APPLICANT: ALBERT
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INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
                                                                                                                                 MOLECULE TYPE:
ORIGINAL SOURCE:
ORGANISM: Hom
                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,548
FILING DATE: 12-AUG-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/452,655B
FILING DATE: 25-MAY-1995
                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/741,940 FILING DATE: 08-AUG-1991.
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 202-508-9100
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                                                                                                                                                                                                                                                                                                               NAME: Kagan, Sarah A. REGISTRATION NUMBER: 32 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 25
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Washington
                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                       TYPE: nucleic acid
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                            3792 АССССССССССССССС
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                                                                       Similarity
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HEDGE, PHILIP J.
JOSLYN, GEOFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Banner & Witcoff, Ltd.
                                                                                                                                                                                                                                                                   202-508-9299
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NAKAMURA, YUSUKE
THLIVERIS, ANDREW
                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             KINZLER, KENNETH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CARLSON, MARY
GRODEN, JOANNA
                                                                                                                                 Homo sapiens
                                                                                                                                                                           linear
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                                                                                                                                                              CDNA
                                                                                                                                                                                                                                                                                                                                         Sarah A.
                                                                                                                                                                                          single
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GENE IN COLORECTAL CANCER IN HUMANS
102
                                                                       0.3%;
                                                                                                                                                                                                                                                                                                            32,141
ER: 1107.49964
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                                                                       Score 13.8; DB 1; Length 18; Pred. No. 1e+03;
                                                        Mismatches
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                                                         Indels
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                                                      Gaps
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RESULT 1042

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                                                                                                                                                                                                  RESULT 1043
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US-08-470-837-21
                                                                                                                                               Sequence 36, Application US/08800751 Patent No. 5807730
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Patent No.
                                                                                                                                                                                                                                                                                                                 Matches
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APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                  GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY:
LOCATION:
FEATURE:
APPLICANT: ITO, KİYOSHİ
APPLICANT: YAMAKI, TOSHİĞUMI
APPLICANT: ARII, Teruo
APPLICANT: TSURÜÜKA, MİYUKİ
APPLICANT: NAKAMURA, TAKESHİ
TİTLE OP INVENTION: NOVEL NITRILE HYDRATASE
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIF: 90025-3395
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FORM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: LLL.
STREET: LOS Angeles
CITY: LOS Angeles
CTATE: California
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NAME: Sharp, Janice A.
REGISTRATION NUMBER: 34,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Wu, Lingtao
APPLICANT: Cheung, David T.
TITLE OF INVENTION: Transfo
TITLE OF INVENTION: and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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TELEPHONE: 310-445-1140
TELEFAX: 310-445-9031
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH:
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Mn. 580081
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11150 Santa Monica Boulevard, Suite 400
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Wu, Lingtao
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Hall, Frederick L.
                                                                                                                                                                                                                                                                                                                Conservative
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1..18
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Their Use in Wound Healing
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                      COUNTRY: USA
ZIP: 02110-2804
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,249A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/864,475
FILING DATE: 06-APR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 028022-007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 8-027004
PILING DATE: 14-FEB-1996
PILING DATE: 14-FEB-1996
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Segre et al., Gino V.
TITLE OF INVENTION: PARATHYROID HORMONE RECEPTOR AND DNA
TITLE OF INVENTION: ENCODING SAME
                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
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STRANDEDNESS: single
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STREET: P
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                                                                                                                                                                                                                                                                                                           225 Franklin Street
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Pred. No. 1e+0
0; Mismatches
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RESULT 1045
US-08-990-818-36
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Matches
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GENERAL INFORMATION:
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                                                                                                          TELEFAX: (703) 836-20 INFORMATION FOR SEQ ID NO:
STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
                                                                                                                                     REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 07
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                           FILING DATE:
APPLICATION NUMBER: JP 8-027004
FILING DATE: 14-FEB-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/990,818
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                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: ITO, Kiyoshi
APPLICANT: YAMAKI, Tosh
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                                                                                       SEQUENCE CHARACTERISTICS:
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APPLICANT: NAKAMURA, Takeshi
TITLE OF INVENTION: NOVEL NITRILE HYDRATASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
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STREET: P.O. Box 1404
CITY: Alexandria
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nes 15; Conserv
                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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REGISTRATION NUMBER: 34
REFERENCE/DOCKET NUMBER:
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                                                                                                                                                                                                            NAME: Teskin, Robin L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: United States 
ZIP: 22313-1404
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 other nucleic acid
                                single
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US-08-990-818-36
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                                                        Matches
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Best Local
                                                                                 Query Match
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                                                                                                                                                                                TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                   FILING DATE: July 19, 19;
ATTORNEY/AGENT INFORMATION:
NAME: Heber, Sheldon O.
REGISTRATION NUMBER: 38,1
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/866,958
FILING DATE: 02-UUN-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 08
FILING DATE: 16-MAY-1995
APPLICATION NUMBER: 08/27
FILING DATE: July 19, 199
APPLICATION NUMBER: 08/09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: OLIGONUCLEOTIDES WITH TITLE OF INVENTION: ACTIVITY AGAINST HUMAN TITLE OF INVENTION: IMMUNODEFICIENCY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                                       TYPE: nucleic acid
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nes 15; Conserv
                                                                     Local
                                                                                                                             TOPOLOGY:
                                                                                                                                         STRANDEDNESS:
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                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
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                          5149 TTTCAACATAGCAGAAT 5165
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                                                                     Similarity
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5919701
TGTCGACATAGCAGAAT 1
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633 West Fifth Street
                                                                                                                                                                                                                            (213) 955-0440
                                                                                                                         sss: single
linear
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                                                        Conservative
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                                                                                                                                                                                                                                                                                                                   NUMBER: 08/094,390
NUMBER: 08/094,390
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                                                                    Score 13.8;
Pred. No. 1
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Pred. No. 1
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                                                                               DB 1; Length 18;
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US-09-205-922-68/c
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US-08-866-958-88/c
                                                                                                                                                                                                                                                                                                                                                              US-08-866-958-88
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0030
CURRENT APPLICATION NUMBER: US/09/205,922
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Patent No. 59197
                                                                                        Sequence 68, Application US/09205922
Patent No. 5951455
                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                     Matches
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APPLICATION NUMBER: US/08/866,958
FILING DATE: 02-UN-1997
CLASSIFICATION: 514
PRIOR APPLICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/441,941
FILING DATE: 16-MAY-1995
APPLICATION NUMBER: 08/279,751
FILING DATE: July 19, 1994
APPLICATION NUMBER: 08/094,390
FILING DATE: JULY 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Heber, Sheldon O.
REGISTRATION NUMBER: 38,179
REFERENCE/DOCKET NUMBER: 208/075
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
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LENGTH: 18 base pairs
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STREET: 633 West Fifth Street
STREET: Suite 4700
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TOPOLOGY: lin
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STATE: California
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88.2%;
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ACTIVITY AGAINST
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Pred. No. 1e+03;
D; Mismatches 2;
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                                        G-APLHA-11 EXPRESSION
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RESULT 1050
US-08-857-946-16/c
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                                                                                                                                Matches
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APPLICANT: Goodfe
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                                                                                                                                                                                                                                                                                            TELEFAX: 617-345-9111
[NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/60/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                             MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 617-345-9100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A TITLE OF INVENTION: GENE OF INTEREST NUMBER OF SEQUENCES: 162 CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                              Local Similarity
                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/05573
                                                                                                                                                                                                                                                                                                                                                                                            NAME: Kathleen M. Williams REGISTRATION NUMBER: 34,38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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                                                                                                                              Conservative
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                                                                                                                                            0.3%;
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                                                                                                                                              Score 13.8;
Pred. No. 1e
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                                                                                                                                                1e+03;
                                                                                                                                                             DB 1;
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-161-244-28
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US-09-161-244-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: other nucleic acid US-08-857-946-16
                                                                                    SEQ ID NO 28
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                             Sequence 28. Application US/09161244
Patent No. 6004814
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Cowsert, Lex M.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 16, Application US/08857946
Query Match
Best Local Similarity
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                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/161,244
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 91
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 35:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/6. FILING DATE: 17-MAY-1996 ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
FILING DATE: 16-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
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15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Kathleen M. Williams
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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0.3%;
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Score 13.8; DB 1;
Pred. No. 1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                                                                                                                                                                                                                      CD71 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 18;
                Length 18;
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RESULT 1053
US-08-970-740-14/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-921-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-205-921-19
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APPLICANT: Brett P. Monia
APPLICANT: ex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
FILE REFERENCE: RTS-0028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 14, Application US/08970740 Patent No. 6015670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 19, Application US/09205921A Patent No. 6008048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Goodfe
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Goodfellow, P.N.
TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN
TITLE OF INVENTION: GENE OF INTEREST
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/59829
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-227-7111
                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/857,946
FILING DATE: 16-MAY-1997
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDITION OF THE STREET: STREET: STREET: STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STREET STRE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/970,740 FILING DATE: 14-NOV-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
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                                                                                                                                                                 Kathleen M. Williams
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Pred. No. 1e+03;
0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 18
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US-08-970-740-16/c
                                                                                                                                                                                                                                                                                                                                                                    , MOLECULE TYPE: other nucleic acid US-08-970-740-16
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                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 16, Application US/08970740 Patent No. 6015670
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TELEFAX: 617-227-4399
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/970,740
PILING DATE: 14-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/857,946
PILING DATE: 16-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017,824
PILING DATE: 17-MAY-1996
ATTORNEY, AGENT INFORMATION:
NAME: Kathleen M. Williame
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
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REFERENCE/DOCKET NUMBER: 3529/59829
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. TO CO. T
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
TITLE OF INVENTION: GENE OF INTEREST
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
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STRANDEDNESS: single
TOPOLOGY: linear
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CITY: Boston
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                                                                                                                        1712 CGACATGATCACCATCT 1728
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ilarity 88.2%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
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                                                                                                                                                                                                                                                Score 13.8;
Pred. No. 1
                                                                                                                                                                                                               Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                       Sequence 9, Application US/08545860D Patent No. 6040140
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Sequence 10, App...
Sequence 10, App...
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Croce, Carlo
APPLICANT: Croce, Carlo
APPLICANT: Croce, Carlo
APPLICANTION:
FOR Diagnostics, Therapeutics and Methods
TITLE OF INVENTION:
TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1 Region
                                                                                                                                                                                                                                                                                                                             08-545-860D-9/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Lambow
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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TITLE OF INVENTION: Integrases
COMPUTER READABLE FORM:
                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewitz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: CDNA
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Docherty, Pamela A.
REGISTRATION NUMBER: 40,591
REFERENCE/DOCKET NUMBER: 24671/00105
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CITY: Cleveland
STATE: Ohio
                                                                  STREET: One Libert
CITY: Philadelphia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/031,897 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
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                                                                                                          NDDRESSEE:
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                                                     Pennsylvania
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                                                                                       One Liberty Place, 46th floor
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Mohr, Georg
                                    USA
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                                                                                                            No. 6040140ris
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Pred. No. 1e+03;
0; Mismatches 2;
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RESULT 1057
US-09-143-212-44/c
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                                    NUMBER OF SE
SEQ ID NO 44
LENGTH: 18
                                                                                                                                GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
                                                                                                                                                                                            Sequence 44, Application US/09143212B Patent No. 6077672
                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                        Best Local
                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                   FILE REFERENCE: RTS-0005
CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 18
                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/888,839
FILING DATE: 27-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/805,093
FILING DATE: 11-DEC-1991
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 30-OCT-1992
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/888,839
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FILING DATE: 14-MAX-1222
PRIOR APPLICATION DATA:
US 07/971,094
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PRIOR APPLICATION NUMBER: US 08/062,443
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PRIOR APPLICATION UNMBER: US 08/320,559
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/545,860D
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APPLICATION NUMBER: US 08/327,392
FILING DATE: 19-OCT-1994
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APPLICATION NUMBER: PCT/US94/04496
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COMPUTER: II
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Similarity 88.2%; Pred. No. le
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-09-205-143-34
                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-450-582-39/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 6114124
GENERAL INFORMATION:
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENTIN Release #1.0, Ve

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/450,582
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION FILE REFERENCE: RTS-0032 CURRENT APPLICATION NUMBER: US/09/205,143 CURRENT FILING DATE: 1998-12-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 87
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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                                                                                                                                                                                        NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                         TITLE OF INVENTION:
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                                                                                                                                             CITY: Washington
                                                                                                                                                              STREET:
                                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                                   KINZLER, KENNETH
MARKHAM, ALEXANDER F.
NAKAMURA, YUSUKE
THLIVERIS, ANDREW
                                                                                                                                                               E: Banner & Witcoff, Ltd.
1001 G Street, NW
                                                                                                                                                                                                                                                                                                          CARLSON, MARY
GRODEN, JOANNA
HEDGE, PHILIP J.
JOSLYN, GEOFF
                                                                                                                       USA
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GENE IN COLORECTAL CANCER IN HUMANS
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Pred. No. 16
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Pred. No. 1e
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                               Version #1.25
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RESULT 1061
US-09-156-856-7
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Best Local Similarity
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SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Patent No. 61242
                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION FILE REFERENCE: RTS-0060 CURRENT APPLICATION NUMBER: US/09/289,466A CURRENT FILING DATE: 1999-04-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/452,655
FILING DATE: 25-MAY-1995
APPLICATION NUMBER: US 08/289,548
FILING DATE: 12-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/741,940
FILING DATE: 08-AUG-1991
ATTORNEY/AGENT INFORMATION:
ADME: MEGEN SEVEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 202-508-9100
TELEPAX: 202-508-9299
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                   OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                FEATURE:
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ORIGINAL SOURCE:
ORGANISM: Hom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
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REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
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REFERENCE/DOCKET NUMBER: 11
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                                                                                                                                               Score 13.8; DB 1; Length 18; Pred. No. 1e+03;
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Pred. No. 1e+03;
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GENERAL INFORMATION:
APPLICANT: Aerts, Johannes M.
TITLE OF INVENTION: Determination of a genetic risk factor for infection
TITLE OF INVENTION: and other diseases, and detection of activated

Sequence 7, Application US/09156856A Patent No. 6221591

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APPLICANT: Salon, John A.
APPLICANT: Laz, Thomas M.
APPLICANT: Laz, Thomas M.
APPLICANT: Wilson, Amy E.
APPLICANT: Wilson, Amy E.
TITLE OF INVENTION: DNA Encoding A Human Melanin Concentrating Horn
TITLE OF INVENTION: Receptor (MCH1) And Uses Thereof
FILLS REFERENCE: 57453Z\JPW
CUURRENT APPLICATION NUMBER: US/09/478,601
CURRENT FILING DATE: 2000-01-06
EARLIER APPLICATION NUMBER: 09/224,426
EARLIER FILING DATE: 1998-12-31
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.1
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US-09-224-426-15
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US-09-224-426-15/c
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-156-856-7
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SOFTWARE: PatentIn Ver. 2.0 - beta SEQ ID NO 15
                                                                                                                                                                                                                                                                                 Sequence 15, Application US/09478601 Patent No. 6221616 GENERAL INFORMATION:
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Patent No. 6221613
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Best Local Similarity 88.2%;
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APPLICANT: Laz, Thomas M .
APPLICANT: Nagorny, Raisa
APPLICANT: Wilson, Amy E.
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nes 15; Conserv
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Pred. No. 1e+03;
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LENGTH: 18
TYPE: DNA
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Patent No. 6291195
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                                                                               SEQ ID NO 15
LENGTH: 18
                                                                                                                                           APPLICANT: Salon, John A.
APPLICANT: Laz, Thomas M.
APPLICANT: Nagorny, Raisa
APPLICANT: Nigorny, Raisa
APPLICANT: Wilson, Amy E.
TITLE OF INVENTION: DNA Encoding A Human Melanin Concentrating Hormone
TITLE OF INVENTION: Receptor (MCH1) And Uses Thereof
FILE REFERENCE: 57453\JPW
CURRENT APPLICATION NUMBER: US/09/478,602
CURRENT FILING DATE: 2000-01-06
EARLIER APPLICATION NUMBER: 09/224,426
EARLIER APPLICATION NUMBER: 09/224,426
EARLIER FILING DATE: 1998-12-31
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local Similarity
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EARLIER FILING DATE: 1997-03-04
NUMBER OF SEQ ID NOS: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/142,334
CURRENT FILING DATE: 1999-04-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Farries, Timothy C.
APPLICANT: Harrison, Richard A.
TITLE OF INVENTION: Down-Regulation Resistant
FILE REFERENCE: 4-30443/A/IMU/PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: nucleotide OTHER INFORMATION: insertion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 18
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Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CATCATCATCATCA 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 13.8;
Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C3 Convertage
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US-08-584-040-8347
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; ORGANISM: Homo sapiens
US-09-209-525-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/209,525
CURRENT FILING DATE: 1998-12-10
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 5
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 5, Application US/09209525
Patent No. 6303770
GENERAL INFORMATION:
APPLICANT: Lok, Si
APPLICANT: Conklin, Darrell C.
APPLICANT: Parrish, Julia E.
TITLE OF INVENTION: Mammalian Alpha Helical Protein-1
FILE REFERENCE: 97-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 8347, Application US/08584040 Patent No. 6346398
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Best Local Similarity
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                            COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: WORD Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                      ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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             APPLICATION NUMBER:
                                                                                                                                                          COUNTRY:
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Stinchcomb, Dan T.
Escobedo, Jaime
                                                                                                                                                              U.S.A.
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January 11,
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88.2%;
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US/08/584,040
Y 11, 1996
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Pred. No. 1e
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Pred. No. 16
                                                            DOS 5.0
                                                                                                           1.44 Mb
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US-08-679-645-1165
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                                                                                                                              COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
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                       CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,1
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,7
FILING DATE: September 2, 19
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Young, Scott A.
APPLICANT: Folkerte, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND
TITLE OF INVENTION: MODULATION OF GE
TITLE OF INVENTION: IN PLANTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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TOPOLOGY: li
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Merlo,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                McSwiggen, James A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Zwick, Michael G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/08679645
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Thomas A.
                                                                                                                                                                                                                                                                                                                                                                                                                     1263
                                           08/300,726
ber 2, 1994
                                                                                         60/001,135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60/005,974
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Pred. No. 16
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Length 18 Indels

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RESULT 1070
US-09-723-535-30/c
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; NAME/KEY: CDS
; LOCATION: (1)...(18)
US-08-868-452-21
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US-08-868-452-21
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CURRENT FILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 51
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 21
LENGTH: 18
                                                                                                                 GENERAL INFORMATION:
APPLICANT: C. PRANTE C. PRANTE
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-2
FILE REFERENCE: RTS-0225
                                 SEQ ID NO 30
LENGTH: 18
                                                                                                                                                                                                    Sequence 30, Application US/09723535 Patent No. 6355483
                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.3%;
Best Local Similarity 88.2%;
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                                                               CURRENT APPLICATION NUMBER: US/09/723,535
CURRENT FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: BONE MORPHOGENETIC PROTEINS TITLE OF INVENTION: USE IN BONE GROWTH FILE REFERENCE: 17972-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bo Han
APPLICANT: Edwin Shors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Marcel B. Nimni
APPLICANT: Frederick L. Hall
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Human
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                               2912 CATCCTCATCAGCATCA 2928
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Pred. No. 1e+03;
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-723-535-30
                                                                         ; FEATURE: ; OTHER INFORMATION: antisense sequence US-09-167-109-128
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                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Adams et al.
TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
FILE REFERENCE: PF106P2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 76, Application US/08294312B Patent No. 6380369
                 Query Match
Best Local Similarity
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Best Local 8
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Best Local Similarity
                                                                                                                                                                                                                                                             APPLICANT: Baker, Brenda F.
APPLICANT: Cowsert, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
FILE REFERENCE: ISPH-0321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/08/294,312B CURRENT FILING DATE: 1994-08-23 PRIOR APPLICATION NUMBER: 08/210,143 PRIOR FILING DATE: 1994-03-16 PRIOR APPLICATION NUMBER: 08/187,757 PRIOR APPLICATION NUMBER: 08/187,757 PRIOR FILING DATE: 1994-01-27 NUMBER OF SEQ ID NOS: 78
                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: primer useful for amplifying codons 347 of
                                                                                                                                                                      LENGTH: 18
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Conservative
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                 0.3%;
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88.2%; Pred. No. 1e+03;
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88.2%; Pred. No. 16
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                 Score 13.8;
Pred. No. 16
 Mismatches
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1e+03;
                 1e+03;
                                     DB
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Gaps
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RESULT 1074
US-08-468-0248-76/c
; Sequence 76, Application US/08468024B
; Patent No. 6416984
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                                                                                                                                                                                    Matches
                                                                                                                                                                                                     Query Match
Best Local :
                                                                                                                                                                                                                                                          -08-449-731-39
                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Ver CURRENT APPLICATION NUMBER: US/08/449,731 APPLICATION NUMBER: US/08/449,731 FILING DATE: 25-May-1995 CLASSIFICATION: «Unknown» PRIOR APPLICATION UNUMBER: 08/289,548 FILING DATE: 12-AUG-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                0.3%;
Local Similarity 88.2%;
Les 15; Conservative
                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
                                                                                                                                              3792 девесеессеесееся звов
                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens SEQUENCE DESCRIPTION: SEQ ID NO: 39:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti, LTD
STREET: 1001 G Street, NW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                             17
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COUNTRY: USA
ZIP: 20001-4598
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TGGCTCGGGAGGACCTG 1
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                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 18 base pairs
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GENE IN COLORECTAL CANCER IN HUMANS
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GRODEN, JOANNA
HEDGE, PHILIP J.
JOSLYN, GEOFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          KINZLER, KENNETH
MARKHAM, ALEXANDER F.
NAKAMURA, YUSUKE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ALBERTSEN, HANS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RAKESH
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                                                                                                                                                                                                 Score 13.8;
Pred. No. 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1107.46943
                                                                                                                                                                                                 1e+03;
                                                                                                                                                                                                                  DB 1; Length 18;
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                                                                                                                                                                                  Indels
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GENERAL INFORMATION:

APPLICANT: Haseltine et al.

TITLE OF INVENTION: Human DNA Mismatch Repair Proteins

FILE REFERENCE: PF106P3

CURRENT APPLICATION NUMBER: US/08/468,024B

CURRENT FILING DATE: 1995-06-06

PRIOR APPLICATION NUMBER: 08/294,312

PRIOR FILING DATE: 1994-08-23

PRIOR APPLICATION NUMBER: 08/210,143

PRIOR APPLICATION NUMBER: 08/210,143

PRIOR APPLICATION NUMBER: 08/210,757

PRIOR APPLICATION NUMBER: 08/187,757

PRIOR APPLICATION NUMBER: 08/187,757

PRIOR PILING DATE: 1994-01-27
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                                                                                                                                                               US-09-280-030-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 1075
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-280-030-8
                                                               0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservarion
                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 78
SOFTWARE: PatentIn versi
SEQ ID NO 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 8,
                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF TITLE REFERENCE: 382.1026
FILE REFERENCE: 382.1026
CURRENT APPLICATION NUMBER: US/09/280,030A
CURRENT FILING DATE: 1999-03-26
EARLIER FOLICATION NUMBER: JP10-87339/1998
EARLIER FILING DATE: 1998-03-31
NUMBER OF SEQ ID NOS: 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Sato, Seiji
APPLICANT: Higashikuni, Naohiko
APPLICANT: Kudo, Toshiyuki
APPLICANT: Kondo, Masaaki
APPLICANT: Tondo Nasaaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Designated OTHER INFORMATION: a forward oligonucleotide encoding (His)6
                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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                                     2912 CATCCTCATCAGCATCA 2928
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CATCATCATCATCATCA 17
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ilarity 88.2%;
Conservative (
                                                                               <u>.</u>
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                                                                                                  Score 13.8; DB Pred. No. 1e+03;
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Pred. No. 1e
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RESULT 1076 US-09-280-030-9/c ; Sequence 9, Application US/09280030A ; Patent No. 6506595

GENERAL INFORMATION:

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RESULT 1078
US-09-422-978-5403
; Sequence 5403, Application US/09422978
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
IIILE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
NUMBER: OF SEQ ID NOS: 11796
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APPLICANT: Kudo, Toshiyuki
APPLICANT: Kudo, Toshiyuki
APPLICANT: Kodo, Toshiyuki
TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
TITLE OF INVENTION: DNAS
FILE REFERENCE: 382.1026
FILE REFERENCE: 382.1026
CURRENT APPLICATION NUMBER: US/09/280,030A
CURRENT FILING DATE: 1998-03-26
EARLIER APPLICATION UNMBER: US/09/280,030A
CURRENT FILING DATE: 1998-03-31
RUMBER OF SEQ ID NOS: 66
                                                                                                                                                                                                                                                                                                                                    NAME/KEY: primer_bind LOCATION: 1..18
                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: Designated OTHER INFORMATION: a reverse oligonucleotide encoding (His)6
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                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: upstream amplification primer 99-14505 for SEQ 355
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15; Conserv
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Pred. No. 1e+03;
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Pred. No. 16
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US-09-422-978-7233
                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumekov, Ilya
ITITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET 0200P1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
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LENGTH: 18
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SEQ ID NO 5403
                                                                              Matches
                                                                                                 Query Match
Best Local Similarity
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APPLICANT: Cohen, D
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                     EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 11796
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EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                            ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                                                                      TYPE: DNA
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LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-25249 for SEQ 1469,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                                                                                                                                                                                                   NAME/KEY: primer_bind
LOCATION: 1..18
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                                  5068 TCTTCCTATCTCTGTGG 5084
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17 TCTTCCTATTTCTGGGG 1
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                                                                                                 88.2%;
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                                                                                                 Score 13.8;
Pred. No. 1
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Pred. No. 1e+03;
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RESULT 1082
US-09-371-772B-4003
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; OTHER INFORMATION: primer
US-09-254-776B-23
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                     Sequence 4003, Application US/09371772B Patent No. 6566127
                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 15; Conserv
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 23
LENGTH: 18
GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
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LENGTH: 18
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PILE OF INVENTION: THERAPEUTIC APPLICATION

CURRENT EMPLICATION NUMBER: US/09/230,652A

CURRENT FILING DATE: 1999-05-17

EARLIER APPLICATION NUMBER: FR 96 09733

EARLIER APPLICATION NUMBER: FR 97 04680

EARLIER FILING DATE: 1997-04-16

EARLIER FILING DATE: 1997-04-16

EARLIER APPLICATION NUMBER: PCT/FR97/01433

EARLIER APPLICATION NUMBER: PCT/FR97/01433

EARLIER TILING DATE: 1997-07-31

NUMBER OF SEQ ID NOS: 163

SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Laten, Howard TITLE OF INVENTION: PART RETROVIRAL POLYNUCLEOTIDES AND METHODS FOR USE THEREOF FILE REFERENCE: 27013/33479A CURRENT APPLICATION NUMBER: US/09/254,776B CURRENT FILING DATE: 1999-03-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Joutel, Anne
APPLICANT: Bousser, Marie-Germaine
APPLICANT: Bach, Jean-Francois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Tournier-Lasserve, Elisabeth
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                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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Pred. No. 1
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Pred. No. 16
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US-09-371-772B-4003
                                                                          GENERAL INFORMATION:
APPLICANT: Dunican,
APPLICANT: MCCOrmaci
APPLICANT: Stapleto;
APPLICANT: Burke, K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-679-298A-25
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Best Local Similarity
Matches 15; Conserv
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CURRENT FILING DATE: 2001-03-05
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 25
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 25, Application US/09679298A
PATENT NO. 6566131
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 12; Conserv
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                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
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TYPE: RNA
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McSwiggen, Jim
Stinchcomb, Dan
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                                                                                           McCormack, Ashling
Stapleton, Cliona
                                     O'Donohue, Michael
Marx, Achim
Mockel, Bettina
National University of
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Pred. No. 1e
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   Ireland, Galway
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1e+03;
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                                                                                                                                                                                                                                   US-09-506-066E-11/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Internal Primer 1 US-09-396-478A-6
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.0 SEQ ID NO 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/396,478A
CURRENT FILING DATE: 199-09-15
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
SEQ ID NO 6
                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                              Sequence 11, Application US/09506066E Patent No. 6630323
                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Matches 15; Conserv
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CURRENT APPLICATION NUMBER: US/09/506,066E
CURRENT FILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: 60/120,646
PRIOR FILING DATE: 1999-02-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 08/294,312
PRIOR FILING DATE: 1994-08-23
PRIOR APPLICATION NUMBER: 08/210,143
PRIOR FILING DATE: 1994-03-16
PRIOR APPLICATION NUMBER: 08/187,757
PRIOR FILING DATE: 1994-01-27
                                                                   APPLICANT: Scott, Matthew
APPLICANT: Wharton, Keith
APPLICANT: Zeng, Wenlin
TITLE OF INVENTION: waked Cuticle Genes and their Uses
FILE REFERENCE: STAN-121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/08/465,679
CURRENT FILING DATE: 1995-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Haseltine et al.
TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
FILE REFERENCE: PF106P4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 21123/264054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Degussa AG
TITLE OF INVENTION: No. 6586214el mucleotide sequences coding for the pgi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Corynebacterium glutamicum FEATURE:
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Pred. No. 1e
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                               SOFTWARE: Pa
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Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 50
LENGTH: 18
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APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND
TITLE OF INVENTION: OBESITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
SEQ ID NO 11
                                                                                                                                                                                                                                                                                                   Sequence 15, Application US/09885478 Patent No. 6723552
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Best Local Similarity
                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                      CURRENT APPLICATION NUMBER: US/09/885,478
CURRENT FILING DATE: 2001-09-24
PRIOR APPLICATION NUMBER: PCT/US99/31169
                                                                                                                                                      APPLICANT: SALON, JOHN A
APPLICANT: LAZ, THOWAS M
APPLICANT: NAGORNY, RAISA
APPLICANT: WILSON, AMY E
TITLE OF INVENTION: DNA ENCODING A HUMAN MELANIN CONCENTRATING HORMONE RECEPTOR
TITLE OF INVENTION: USES THEREOF
TITLE OF INVENTION: USES THEREOF
TILE REFERENCE: 1795/57453-A-PCT-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 2976-4039
CURRENT APPLICATION NUMBER: US/09/548,797B
CURRENT FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: 60/129,391
PRIOR FILING DATE: 1999-04-13
PRIOR FILING DATE: 1999-04-13
NUMBER OF SEQ ID NOS: 170
                                                                    PRIOR FILING DATE: 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
                  LENGTH:
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Pred. No. 16
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ORGANISM: ARTIFICIAL SEQUENCE FEATURE: OTHER INFORMATION: PRIMER

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                                                                                                                   ; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-392
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                                                    Query Match
Best Local Similarity
Matches 15; Conserv
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APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSJ
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 391
                                                                                                                                                                           NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ fo
SEQ ID NO 392
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Matches 15;
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Best Local Similarity
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Best Local
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                                                                                                                                                                                                                                                                                        APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MARKERS
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                  PILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 09/232,884 PRIOR FILING DATE: 1999-01-15
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                                                                                                                                                                ENGTH: 18
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              2912 CATCCTCATCAGCATCA 2928
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Pred. No. 1e
                                                                      Score 13.8;
Pred. No. 16
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                                                          Mismatches
                                                                     1e+03;
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Sequence 8508, Application US/09422978
PREENT NO. 6537751
GENERAL INFORMATION:
APPLICANT: Cheen, Daniel
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CCURRENT FILING DATE: 1999-10-20
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
VEARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                          RESULT 1092
US-09-422-978-8508
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PCT-US94-04496-9/c
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APPLICANT: Croce,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US94/04496
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca Esq., Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1242
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Canaani, Eli
TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewitz
ADDRESSEE: Norris
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4824 ATTCTCCAGTGGAGAGA 4840
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Pred. No. 1e-
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RESULT 1094

US-07-799-828C-21/c

; Sequence 21, Application US/07799828C

; Patent No. 5378602
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                                                                                                                                                                                                                                ; MOLECULE TYPE: DNA (genomic)
US-07-922-723A-21
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Best Local (
                                                                                                                                                                Matches
                                                                                                                                                                                              Query Match
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LENGTH: 19
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APPLICANT: Drs. Mihael H. Polymeropoulos
APPLICANT: and Carl R. Merril
TITLE OF INVENTION: FIVE HIGHLY INFORMATIVE
TITLE OF INVENTION: REPEAT POLYMORPHIC DNA MARKERS
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 34506
REFERENCE/DOCKET NUMBER: 71
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703 684 1111
INFORMATION FOR SEQ ID NO: 21:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: primer_bind LOCATION: 1..19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: DOS Text File
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION: NAME: D.J. Mills
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
nes 15; Conserv
                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Alexandria
STATE: Virginia
                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/07/922,723A
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                                                                                                                      1524 TACAGCCACAAGAAAAT 1540
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15; Conserv
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Suite 300, 99 Canal Center Plaza
                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                              single
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Pred. No. 1.1e+03;
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US-08-190-711-2/c
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                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Nectarios
APPLICANT: George Ha
APPLICANT: GEORGE Kra
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/08190711 Patent No. 5570582
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local Similarity
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**APPLICANT: Drs. Carl R. Merril and APPLICANT: Mihael H. Polymeropoulos TITLE OF INVENTION: TWENTY SEVEN HIGHLY INFORMATIVE TITLE OF INVENTION: MICROSATELLITE REPEAT TITLE OF INVENTION: POLYMORPHIC DNA MARKERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 703 684 1111
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
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TOPOLOGY: lin
MOLECULE TYPE:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: D.J. Mills
REGISTRATION NUMBER: 34,506
REFERENCE/DOCKET NUMBER: 71:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: DOS Text File
CURRUT APPLICATION DATA:
APPLICATION NUMBER: US/07/799,828C
FILING DATE: 19911127
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                          NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                   ADDRESSEE: Dickstein, Shapiro & ADDRESSEE: Morin STREET: 2101 L Street, N.W. CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                        ZIP: 20037
                                                                                                                         STATE: D.C.
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                                                                                                        COUNTRY:
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: Virginia
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                                                                                                      U.S.A.
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                                                                                                                                                                                                                                                                                                             Nectarios Tavernarakis,
George Hatzidakis, and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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0, 99 Canal Center Plaza
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                                                                                                                                                                                                                                                NUCLEIC ACIDS
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 19;
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CURRENT APPLICATION DATA:

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RESULT 1096
US-08-367-175A-22/c
; Sequence 22, Application US/08367175A
; Patent No. 5631115
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                      ZIP: 10017-2023

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (202) 887-0689
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                              TELEX: 236268
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NERAL INTURNAL EIKO
APPLICANT: OHTSUKA, EIKO
APPLICANT: KOIZUMI, Makoto
APPLICANT: KOIZUMI, Makoto
TITLE OF INVENTION: Looped, hairpin ribozyme
TITLE OF STONENCES: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: KARINY Geoffrey M.
REGISTATION NUMBER: 31.382
REFERENCE/DOCKET NUMBER: 12:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 785-9700
                                                                                                                                                                                                    APPLICATION NUMBER: US/08/367,175A
FILING DATE: 29 Dec. 1994
CLASSIFICATION: 435
ATTORNEY/ACENT INFORMATION:
NAME: GOODMAN, Herbert
REGISTRATION NUMBER: 17081
                                                                                                                                  REFERENCE/DOCKET NUMBER: 92:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)319-4900
TELEFAX: (212)319-5101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
MOLECULE TYPE:
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 767 Third
CITY: New York
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                              LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                 ENGTH:
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                linear
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ER: I2277.001/P001
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Pred. No. 1.1e+03;
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US-08-400-580A-11/c
                 RESULT 1098
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US-08-701-380-8/c
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US-08-367-175A-22
                                                                                                                                                                                  US-08-701-380-8
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                                                                                                                                                                                                                                                                                   TELEPHONE: 415-494-870
TELEPAX: 415-494-8771
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: NORTH,
APPLICANT: NISHIN
                                                                                                                                                                                                               TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: SHERWOOD, Pamela J.
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: A-63565/PJS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-494-8700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: NISHINA, Patsy
APPLICANT: NAGGRT, Juergen
TITLE OF INVENTION: GENES ASSOCIATED WITH RETINAL
TITLE OF INVENTION: DYSTROPHIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/701,380 FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                              DESCRIPTION: /desc = "primers"
                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: sing
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mes 15; Conserv
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ilarity 88.2%;
Conservative
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Pred. No. 1.
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Sequence 11, Application US/08400580A Patent No. 5693501

GENERAL INFORMATION:
APPLICANT: Lee, C
APPLICANT: Jiang,

Jiang, Bingdong

Lee, Chao-Hung

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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (970) 472-9655
INFORMATION FOR SEQ ID NO:
                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: Power Machintosh
OPERATING SYSTEM: Machintosh OS ver. 7.5.2
SOFTMARE: Microsoft Word, vers. 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/560,313A
PILING DATE: 17-NOV-95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Johnson, Kristine H.
REGISTRATION NUMBER: 36,35
REFERENCE/DOCKET NUMBER: P-1011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (970) 472-9650
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
.MEDIUM TYPE: Floppy disk
.COMPUTER: IBM PC compatible
.COMPUTER: PC-DOS/MS-DOS
.SOFTWARE: PatentIn Release #1.0,
.CURRENT APPLICATION DATA:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevicz
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Sydney Brenner
TITLE OF INVENTION: Simultaneous Sequencing of Tagged Polynucleotides
NUMBER OF SEQUENCES: 9
                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Kristine H. Johnson
STREET: 123 No. 5693501th College Ave, Ste 213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/400,580A FILING DATE: 08-MAR-1995 CLASSIFICATION: 435
                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                     COUNTRY: U
                                                                                                                                                                                                                                                                                                       CITY: Hayward
STATE: California
                                                                                                                                                                                                                                                                                                                                            STREET:
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CITY: Fort Collins
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                                                                                                                                                                                                                                                                                                                                          E: Stephen C. Macevicz, Lynx Therapeutics, Inc
3832 Bay Center Place
                                                                                                                                                                                                                                                                                       USA
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Pred. No. 1.
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RESULT 1100
US-08-756-728A-6
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US-08-756-728A-6
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                                             Query Match
Best Local Sin
Matches 15;
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                                                                                                                                                                                                                                           TELEX: 133521
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Leclerc,
APPLICANT: Martel,
                                                                                                                                    TOPOLOGY: line MOLECULE TYPE: DESCRIPTION:
                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                       NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1398-1-001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 88
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
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TELEFAX: 133521
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                            TELEPHONE: 201-10
TELEPHONE: 201-10
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/756,728A FILING DATE: 26-NOV-1996
                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
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3282 ATGCCCCTGCACGTGAA 3298
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                                            h 0.3%;
Similarity 88.2%;
15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                    linear
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                                                                                                                                   other nucleic acid
/desc = "c-mycl9"
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Pred. No. 1.1e
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                                                             Score 13.8;
Pred. No. 1.
                                               Mismatches
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                                                                        Length 19;
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                                               Indels
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RESULT 1102
US-08-795-006A-7
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                                                                                                                                                                                                   Sequence 7, Application US/08795006A Patent No. 5840579
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Best Local Similarity
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OPERATING SYSTEM: DOS
SOFTWARE: FRASLSEQ for Windows Version 2.0
SOFTWARE: FRASLSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/650,125
FILING DATE: 01-MAY-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                       GENERAL INFORMATION:
APPLICANT: Boeke, Jef
APPLICANT: Brachmann, Rainer
APPLICANT: Brachmann, Rainer
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53
TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTA- TIONS NUMBER OF SEQUENCES: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202-508-9299
TELEX: 97430 BMB UT
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
ATTORNEY/AGENT INFORMATION:
ANAME: KAGGI, Sarah A
REGISTRATION NUMBER: 32,145
REFERENCE/DOCKET NUMBER: 1107
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: BOEKE, JEF
APPLICANT: BRACHMANN, RAINER
APPLICANT: BRACHMANN, RAINER
TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS
TITLE OF INVENTION: USING TP23
                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
TYPE: nucleic acid
single
                                STREET:
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CITY: Washington
                 CITY: Washington
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                                                    ADDRESSEE:
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5830751
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1001 G Street, N.W.
                              E: Banner & Witcoff
1001 G Street, NW
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88.2%; Pred. No. 1.1e+03
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RESULT 1103
US-07-952-277A-21/c
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TOPOLOGY:
US-08-795-006A-7
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Best Local Similarity 88.2%;
Matches 15; Conservative
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              APPLICATION NUMBER: US/07/952,277A
FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY, AGENT INFORMATION:
NAME: D.J. Mills
REGISTRATION NUMBER: 34506
REFERENCE/DOCKET NUMBER: 717081C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703 684 1111
INFORMATION FOR SEQ ID NO: 21:
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                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: DOS Text File
CURRENT APPLICATION DATA:
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LENGTH: 19 base pairs
TYPE: nucleic acid
STRANGENESS: single
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                       ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Drs. Mihael H. Polymeropoulos APPLICANT: and Carl R. Merril TITLE OF INVENTION: ELEVEN HIGHLY INFORMATION: REPEAT POLYMORPHIC DI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
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SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,006A
FILING DATE: 05-FEB-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
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                                                                                                                                                                                                                                                                                                                                                                    CITY: Alexandria
STATE: Virginia
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Suite 300, 99 Canal Center Plaza
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Pred. No. 1.
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RESULT 1105
US-08-460-751-11/c
; Sequence 11, Application US/08460751
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                                                                                                                                         Best Local Similarity
Matches 15; Conserv
                                                                                                                                                     Query Match
Best Local S
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INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base note:
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HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION: NAME: BYRNE, THOMAS E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS
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FILING DATE: 23-OCT-1995
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                y Match 0.3%;
Local Similarity 88.2%;
nes 15; Conservative
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                                                                                                            1239 CCGGGCCTCCGTCCACG 1255
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5883238
                                                                                                                                                                                                                                                                            nucleic acid
DEDNESS: single
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Y: U.S.A.
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                                                                                                                                                       Score 13.8;
Pred. No. 1
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Pred. No. 1.
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US-08-864-473-19
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SOFTWARE: P
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APPLICANT: Barany, Francis
APPLICANT: Lubin, Matthew
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Sequence 19, App.
Sequence 19, App.
6027889
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Best Local Similarity
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                                TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE TITLE OF INVENTION: COUPLED LIGASE DETECTION AND POLYME FILE REFERENCE: 19603/441

CURRENT APPLICATION NUMBER: US/08/864,473

CURRENT FILING DATE: 1997-05-28

EARLIER APPLICATION NUMBER: 60/018,532

EARLIER FILING DATE: 1996-05-29

NUMBER OF SEO ID NOS: 76
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APPLICANT: Reeder
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/460,751
FILING DATE: 02-JUN-1995
CLASSIFICATION: 45
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/413,580
FILING DATE: 03-MAR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 03-MAR-1995
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Coruzzi, Laura A. REGISTRATION NUMBER: 30 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
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10036-2711
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                  PatentIn Ver.
                                                                                                                                                                                                                                                      Application US/08864473
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VENTION: IDENTIFICATION OF POLYCYSTIC KIDNEY
VENTION: DISEASE GENE, DIAGNOSTICS AND TREATMENT
                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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Pred. No. 1.1e+03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                                                                                                              QUENCE DIFFERENCES USING POLYMERASE CHAIN REACTIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 19;
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DRGANISM: Artificial Sequence

GENERAL INFORMATION:

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RESULT 1108
US-09-032-365A-42/c
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Sequence 42, Application US/09032365A Patent No. 6114502
                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 713-850-0165
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               quence 5, Appli
tent No. 611411
                                                                                                                                                                                                                                                                                       TOPOLOGY: 1i MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: September 20, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Krieger, Paul E.
REGISTRATION NUMBER: 25,886
REFERENCE/DOCKET NUMBER: 00162-3/V96171US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-850-0909
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/903,139B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/031,443
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Joe W. Templeton, Jianwei Feng, L. Garry Adams,
APPLICANT: Erwin Schurr, Philippe Gros, Donald S. Davis and Roger Smith
TITLE OF INVENTION: METHOD OF IDENTIFICATION OF ANIMALS
TITLE OF INVENTION: RESISTANT OR SUSCEPTIBLE TO DISEASES SUCH AS RUMINANT
TITLE OF INVENTION: BRUCELLOSIS, TUBERCULOSIS, PARATUBERCULOSIS AND SALMOI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 1177 W
CITY: Houston
STATE: TX
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                               LENGTH:
                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
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                                                                                                                                             2681 TGTTGACAGCCAAGGAC 2697
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                                                                                                               TGGTGACAGGCAAGGAC 19
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1177 West Loop South, 10th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                           713-850-0165
                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                                                                                                                           linear
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; Pred. No. 1.1e-
0; Mismatches
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                                                                                                                                                                                                           Score 13.8; DB 1; Length 19; Pred. No. 1.1e+03;
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RESULT 1109
US-09-184-073-7
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                                                                                                                                                                                                                                                                              Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                             Sequence 7, Application US/09184073
                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Boeke, Jef
APPLICANT: Brachmann,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
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MEDIUM TYPE: Diskette
COMPUTER: IBM COMPACTIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FREESEG FOR Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/032,365A
              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SE
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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APPLICANT: Nishina, Pattsy
APPLICANT: Naggart, Juergen
APPLICANT: No. 6114502en-Trauth, Konrad
TITLE OF INVENTION: GENE FAMILY ASSOCIATED
TITLE OF INVENTION: NEUROSENSORY DEFECTS
                                                                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
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ADDRESSEE: Bozicevic
                                                                                                                                                         CORRESPONDENCE ADDRESS
                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                               STREET: 1001 G ST
CITY: Washington
                                                COUNTRY: U
                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Match 0.3%;
Local Similarity 88.2%;
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TELEFAX: 650 327-3231
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                                                                                                                     ADDRESSEE: Banner & Witcoff
STREET: 1001 G Street, NW
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285 Hamilton Avenue, Suite 200
                                                                    USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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IBM Compatible
                                                                                                                                                                                          MUTATIONS
                                                                                                                                                                                                          n, Rainer
                                                                                                                                                                                                                                                                                                                                                                                                                                                        <u>.</u>
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Pred. No. 1.1e+03;
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                                                                                                                                                                                           WHICH SUPPRESS
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RESULT 1111
US-09-254-733-13
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Best Local Similarity
"~~~hes 15; Conserve
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US-09-440-523-19
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Sequence 13, Application US/09254733 Patent No. 6277596 GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 19
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 19603/41

CURRENT APPLICATION NUMBER: US/09/440,523

CURRENT FILING DATE: 1999-11-15

PRIOR APPLICATION NUMBER: 08/864,473

PRIOR FILING DATE: 1997-05-28

NUMBER OF SEQ ID NOS: 76

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: COUPLED LIGASE DETECTION AND POLYMERASE CHAIN REACTION.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Barany, Francis
APPLICANT: Lubin, Matthew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 0110
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEPHONE: 202-508-9299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide Sequence
                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
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LENGTH: 19 base pairs
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CLASSIFICATION:
PRIOR APPLICATION DATA:
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SOFTWARE: FastSEQ for
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE:
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ilarity 88.2%;
Conservative
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FastSEQ for Windows Version 2.0
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Pred. No. 1.1e+03;
0; Mismatches 2;
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Pred. No. 1.1e+03;
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GENERAL INFORMATION:
APPLICANT: VYCOLAKIS, MARIA E.
TITLE OF INVENTION: GALANIN TRANSGENIC MICE
FILE REFERENCE: 2495.00084
CURRENT APPLICATION NUMBER: US/09/618,877A
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/069,929
PRIOR FILING DATE: 1997-12-17
PRIOR PILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 09/215,051
PRIOR FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                      ; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: US-09-618-877A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 1112
US-09-618-877A-7/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC ; OTHER INFORMATION: NUCLEIC ACID US-09-254-733-13
                                                                                                                        US-09-470-443-9/C
                                                                                                                                              RESULT 1113
GENERAL INFORMATION:
APPLICANT: Lerman, Michae
APPLICANT: Minna, John D.
APPLICANT: Latif, Farida
                                                                              Sequence 9, Application US/09470443
Patent No. 6441156
                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 7
LENGTH: 19
TYPB: DNA
ORGANISM: Artificial Sequence
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LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                          Matches
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Best Local (
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APPLICANT: MORIYA, TAYSUKI
APPLICANT: MOYAGI, KAORU
APPLICANT: SUMIDA, NAOMI
APPLICANT: SUMIDA, NAOMI
APPLICANT: MURAKAMI, TAKESHI
TITLE OF INVENTION: REGULATORY SEQUENCE OF CELLULASE Cbh1 GENES ORIGINATING
TITLE OF INVENTION: IN TRICHODERMA VIRIDE AND SYSTEM FOR MASS-PRODUCING
TITLE OF INVENTION: PROTEINS OR PEPTIDES THEREWITH
FILE REFERENCE: 99-0266*/LC(WMC)/00144
CURRENT FILLING DATE: 199-05-07
NUMBER OF SEQ ID NOS: 52
SOFTMARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                             Local
                                                                                                                                                                                                                            4068 GCCATGCAGTGAAGCCC 4084
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Wei, Ming-Hui

Michael I.

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RESULT 1115
US-09-565-063-4/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-531-000-28/c
                                                                                                           Sequence 4, Application US/09565063 Patent No. 6489156
                                                                                          GENERAL INFORMATION:
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Best Local
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SEQ ID NO 28
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Best Local
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                   APPLICANT: DISPIRITO, AL APPLICANT: DO, YOUNG S. APPLICANT: PHILLIPS, GR APPLICANT: ZAHN, JAMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: JOHNSON, Marion D. APPLICANT: FRESCO, Jacques R. TITLE OF INVENTION: TRIPLEX I FILE REFERENCE: 2448-103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: NIH-05043
CURRENT APPLICATION NUMBER: US/09/470,443
CURRENT FILING DATE: 1999-12-22
EARLIER APPLICATION NUMBER: 60/114,359
EARLIER FILING DATE: 1998-12-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1998-1
PRIOR APPLICATION NUMBER:
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TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Sekido, Yoshitaka
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: sequences
                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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CANT: PHILLIPS, GREGORY J.
CANT: ZAHN, JAMES A.
OF INVENTION: A RHODOBACTER STRAIN FOR ODOR REMEDIATION OF ANAEROBIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4605 AGAAGCCCAGTGCCCTC 4621
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                                                                                                                                                                                                                                                                                     Conservative
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                                                                          ALAN A.
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Pred. No. 1.1e
0; Mismatches
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Pred. No. 1.1e
0; Mismatches
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                                                                                                                                 RESULT 1117
US-09-422-978-10026
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US-09-422-978-4994/c
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GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                              Sequence 10026, Application US/09422978 Patent No. 6537751
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Best Local Similarity
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
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PRIOR APPLICATION NUMBER: 60/133,087
PRIOR FILING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 6
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CURRENT FILING DATE: 2000-05-05
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NUMBER OF SEQ ID NOS: 11796
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
OGRANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
COTHER INFORMATION: upstream amplification primer 99-2007 for SEQ 1060,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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88.2%;
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Pred. No. 1.
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: P.
SEQ ID NO 9
LENGTH: 19
                 Sequence 76, Application US/09248015
Patent No. 6562786
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING APOPTOSIS
FILE REFERENCE: 100086.401C4
                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local Similarity 88.2%;
Matches 15; Conservative
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LENGTH: 19
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APPLICANT: Levin, Lonny R
TITLE OF INVENTION: Mammalian Soluble Adenylyl Cyclase
FILE REFERENCE: 2650/16008US2
CURRENT APPLICATION NUMBER: US/09/568,407
CURRENT FILING DATE: 2000-05-11
PRIOR APPLICATION NUMBER: 60/133,802
PRIOR APPLICATION NUMBER: 60/133,802
PRIOR FILING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 60/161,534
PRIOR APPLICATION NUMBER: 60/161,534
PRIOR PILING DATE: 1999-10-26
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EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
CURRENT APPLICATION NUMBER: US/09/248,015
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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Pred. No. 1.1e+03;
0; Mismatches 2;
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Pred. No. 1.1e+03;
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US-09-184-072-7
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                                                                                                                US-09-184-072-7
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best Local Similarity 88.2%;
Matches 15; Conservation
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NUMBER OF SEQ ID NOS: 81
SOFTWARE: PATENTIN VEY: 2.0
SEQ ID NO 76
                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 7, Application US/09184072 Patent No. 6566056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ARPLICANT: BOSKE, JEF
APPLICANT: BRACHMANN, RAINER
APPLICANT: BRACHMANN, GENETIC ASSAYS AND STRAINS
                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: DOS
SOFTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/184,072
                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                         TELEPHONE: 202-508-9100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U
ZIP: 20001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                              TELEFAX:
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                                                                                                                                                                      ENGTH:
                          2912 CATCCTCATCAGCATCA 2928
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1001 G Street, N.W.
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                                                       Conservative
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                                                                   Score 13.8; DB 1
Pred. No. 1.1e+03
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Pred. No. 1
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                                                                                                                                                       ; OTHER INFORMATION: Description of Artificial Sequence: US-09-706-722A-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Vaccinia virus
US-09-096-927C-16
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SEQ ID NO 16
LENGTH: 19
                                                                                            Query Match
Best Local Similarity
                                                                            Matches
                                                                                                                                                                                                                                             SEQ ID NO 5
LENGTH: 19
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                              APPLICANT: TONNEL, ANDRE BERNARD
APPLICANT: MOLLET, SOPHIE
TITLE OF INVENTION: PROTEINS AND PETIDES DERIVED FROM PROTEIN ESM-1 AND
TITLE OF INVENTION: THEIR USES IN THE TREATMENT AND DIAGNOSIS OF DISEASES
TITLE OF INVENTION: LINKED TO LEUKOCYTE MIGRATION
FILE REFERENCE: 8425/P-61263US2
CURRENT FILING BATE: 8405/P-61263US2
CURRENT FILING DATE: 2000-11-07
PRIOR APPLICATION NUMBER: US/09/706,722A
CURRENT FILING DATE: 2000-11-07
PRIOR APPLICATION NUMBER: 09/102,909
PRIOR PILING DATE: 1998-06-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Hoeffler, James
APPLICANT: Marcil, Robert
TITLE OF INVENTION: COVALENT JOINING OF DNA STRANDS TO RNA
TITLE OF INVENTION: CATALYZED BY VACCINIA TOPOISOMERASE
FILE REFERENCE: 53661-A/JPW/EMW
CURRENT FILLING DATE: 1998-06-12
NUMBER: OF SEQ ID NOS: 37
                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/050,614
PRIOR FILING DATE: 1997-06-24
NUMBER OF SEQ ID NOS: 10
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APPLICANT: MARCHANDISE, GENEVIEVE
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APPLICANT: Sekiguchi, JoA
                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                           FEATURE:
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                                    4222 GTGTGGCCCACAGAGTT 4238
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Hoeffler, James
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Comiskey, John
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ilarity 88.2%;
Conservative
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                                                                                            Score 13.8; DB 1; Length 19; Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
                                                                          Mismatches
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Sequence 324, Application US/09305928

Patent No. 6682901

GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
APPLICANT: Byers, Stephen
APPLICANT: Gour, Barbara J.,
APPLICANT: Gour, Barbara J.,
APPLICANT: GOUR, BARBARA J.,
FILE REFERENCE: 100086.407C4
CURRENT APPLICATION NUMBER: US/09/305,928
CURRENT FILING DATE: 1999-05-05
NUMBER OF SEQ ID NOS: 324
SOTTWARE: PatentIn Ver. 2.0
SEQ ID NO 324
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE.
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APPLICANT: Byers, Stephen
APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: METHODS FOR DIAGNOSING ANI
FILE REFERENCE: 100086.407C2
CURRENT APPLICATION UMBER: US/09/234,395
CURRENT FILING DATE: 199-01-20
NUMBER OF SEQ ID NOS: 324
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 324
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
CHUED THEOREMANTON:
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US-09-696-791-1467
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US-09-305-928-324
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US-09-234-395-324
Sequence 1467, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 88.2%;
Matches 15; Conservative
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Patent No. 66801
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OTHER INFORMATION: Description of Artificial Sequence: N-Cadherin
OTHER INFORMATION: reverse primer
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    RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
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Pred. No. 1.1e+03;
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Best Local Similarity
Matches 15; Conserve
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CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1467
                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1796
                                                                                                                                                                                                                                         Sequence 1915, Apparent No. 677063
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Best Local
                                                SOFTWARE: Pa
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APPLICANT: Tritz, Ribhard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                  FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                  NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 19
                 TYPE: DNA
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                                   LENGTH: 19
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                                                                  PatentIn Ver.
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Pred. No. 1.
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Pred. No. 1
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US-09-918-156-19
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                                                                                                                                                                                                                                                                                                                                                                                                                            PCT-US91-03680-1/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application PC/TUS9103680 GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Barany, Francis
APPLICANT: Lubin, Matthew
TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES
TITLE OF INVENTION: COUPLED LIGASE DETECTION AND POLYMERASE CHAIN
FILE REFERENCE: 19603/441
CURRENT APPLICATION NUMBER: US/09/918,156
CURRENT FILING DATE: 2001-07-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 09/918,156
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide Sequence
                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/036
                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Matteucci, Mark I APPLICANT: Krawczyk, Steven
                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison
                                                                                                                                                                                                                                                                                      UMBER OF SEQUENCES:
                                                                                                                                                                     COUNTRY:
ZIP: 940
                                                                                                                                                                                                                   ADDRESSEE: Morrison & Foerster STREET: 545 Middlefield Road, Suite 200 CITY: Menlo Park
                                                                                                                                                                                                     STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4063 GGACTGCCATGCAGTGA 4079
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6797470
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INFORMATION:
                                 19910524
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                                                 PCT/US91/03680
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Pred. No. 1
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Pred. No. 1
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                                                                                  Version
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US-09-034-205-8
                                                                           ATTORNEY AGENT INFORMATION:

NAME: MacKnight, Kamrin T.

REGISTRATION NUMBER: 38,330

REFERENCE/DOCKET NUMBER: FORS-03268

TELECOMMUNICATION INFORMATION:

TELEPAX: (415) 705-8410

TELEPAX: (415) 397-838

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid

croannernurss: aindle
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Patent No. 6194149
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Brow, Mary Ann ...
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
APPLICANT: NORI, Bruce P.
TITLE OF INVENTION: TARGET DEPENDENT REACTIONS USING
TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                 TOPOLOGY: 1
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA
APPLICATION NUMBER: US/09/034,205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
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LOCATION: 5
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4N4-ethanocytosine deoxynucleotide"
                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: San Francisco
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                                                                     STRANDEDNESS: single
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                 DESCRIPTION:
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Brow, Mary Ann D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
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                                                       linear
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               other nucleic acid
/desc = "DNA"
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Pred. No. 1.1e+03;
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RESULT 1132
US-08-851-588-8/c
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US-08-934-097A-8/c
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                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPAX: (415) 705-8410
TELEPAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
                                               Sequence 8, Application US/08851588 Patent No. 6214545
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
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GENERAL INFORMATION:
APPLICANT: Dong,
APPLICANT: Lyamic
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MOLECULE TYPE:
DESCRIPTION:
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APPLICANT: Brow, M
APPLICANT: Fors, I
APPLICANT: Neri, I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/934,097A
FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEB: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, St
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing With Structure-Bridging
TITLE OF INVENTION: Oligonucleotides.
                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U
ZIP: 94104
                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
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No. 6210880
                                                                                                                                                                        806 ATACCCTGTGCCGCTGG 822
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                                                                                                                                                                                                                                                                                  other nucleic acid
/desc = "DNA"
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                                                                                                                                                                                                                                                                                                                               single
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                                                                                                                                                                                                                      88.2%;
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                                                                                                                                                                                                       <u>.</u>
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Pred. No. 1.2e+03;
0; Mismatches 2
                                                                                                                                                                                                                       Score 13.8; DB 1; Pred. No. 1.2e+03;
                                                                                                                                                                                                       Mismatches
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APPLICANT:

Dong, Fang Lyamichev, Victor Prudent, James R.

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RESULT 1133
US-09-677-218B-8/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ARFELING DATE:
EILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: INGOLIA, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 397-838
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TUTELEFAX: oncleic acid
                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 8, Application US/09677218B Patent No. 6355437 GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
TITLE OF INVENTION: Structure Probing
NUMBER OF SEQUENCES: 38
CORRESSONDENCE ADDRESS:
ADDRESSE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Dahlberg, James E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: UZIP: 94104
                COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                     NUMBER OF SEQUENCES: 68
CORRESSPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
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                                                                                                                                  COUNTRY: USA
ZIP: 94104
                                                                                                                                                                          STATE: CA
APPLICATION NUMBER: US/09/677,218B
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Pred. No. 1.2e+03;
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                                                                                                                                         ; OTHER INFORMATION: Description of Artificial Sequence: US-09-677-192-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-677-218B-8
                                                                                                                                                                                                         SOFTWARE: PASEQ ID NO 8
LENGTH: 20
TYPE: DNA
                                                                                  Query Match
Best Local
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                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                             FILE REFERENCE: FORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
CURRENT FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 09/034,205
PRIOR FILING DATE: 1998-03-03
NUMBER OF SEQ ID NOS: 68
                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Brow, Mary Ann
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING TITLE OF INVENTION: OLIGONUCLECTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (415) 397-
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                        FEATURE:
                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 02-Oct-2000
CLASSIFICATION: <Unknown
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 09/034,205
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
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                                 806 ATACCCTGTGCCGCTGG 822
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20 ATACCTTGGGCCGCTGG
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Similarity 88.2%; Pred. No. 1.2e+03
                                                                                    Similarity
                                                                                                                                                                                                                                                                PatentIn Ver. 2.0
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Brow, Mary Ann D.
                                                                     Conservative
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                                                                                  0.3%;
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Pred. No. 1.2e
0; Mismatches
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US-09-402-618B-8/c ; Sequence 8, Application US/09402618B ; Patent No. 6709815

GENERAL INFORMATION:

RESULT 1135

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RESULT 1136
US-09-825-574-8/c
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Best Local Similarity
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LENGTH: 20
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APPLICANT: Dahlberg, James
APPLICANT: Dahlberg, James
APPLICANT: Dahlberg, James
APPLICANT: Dahlberg, James
FILE REFERIOE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR APPLICATION DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                     INFORMATION FOR SEQ ID NO:
                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
                                                                                                                                                           APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                CURRENT
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ADDRESSEE: MEDLEN & CARROLL, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
ENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
                                                                                          NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
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Brow, Mary Ann
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Query Match 0.3
Best Local Similarity 88.3
Matches 15; Conservative
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GENERAL INFORMATION:
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                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Match 0.3%; Score 13.8; Local Similarity 88.2%; Pred. No. 1.
                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/676,768
FILING DATE: 02-Oct-2000
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/851,588
FILING DATE: 05-May-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                         NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FOI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid Structure Probing
                                                                                     SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Dong,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   806 ATACCCTGTGCCGCTGG 822
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: San Francisco
STATE: CA
                                                                                                                                                   STRANDEDNESS: single
                                                                                                                                                                       LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09676768
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Lyamichev, Victor I.
0.3%; Score 13.8; DB 1;
88.2%; Pred. No. 1.2e+03;
tive 0; Mismatches 2
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                                   DB 1;
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                                 Length 20;
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US-08-203-198-9
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                 Sequence 18,
                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (510) 814-2974
TELEPAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/203,198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cheng, Suzanne
TITLE OF INVENTION: Methods and Reagents for the Polymerase
TITLE OF INVENTION: Chain Reaction Amplification of Long DNA Sequences
WITMPER OF SEQUENCES: 32
                                                                                                                                                       APPLICANT: DORSSERS J., LAMBERTUS C.
APPLICANT: VAN LEEN, ROBERT W.
TITLE OF INVENTION: MUTANTS OF HUMAN INTERLEUKIN-3
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 88
TELECOMMUNICATION INFORMATION:
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NAME: Petry Ph.D., Douglas A.
REGISTRATION NUMBER: 35,321
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                    COUNTRY:
                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
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                                                                                                        TY: Palo Alto
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                                                                                        California
                                                                                                                                                                                                                                                                                 Application US/08150331
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340 Kingsland Street
                                                                                                                      E: MORRISON & POERSTER
                                                                         USA
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Pred. No. 1.2e+03;
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APPLICANT: LECNARD, V
APPLICANT: MCBRIDE, C
TITLE OF INVENTION: N
TITLE OF INVENTION: 7
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 5518880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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                                                                 TELEX: 421792
INFORMATION FOR SEQ ID NO:
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REFERENCE/DOCKET NUMBER: 240
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 05-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: GRACEY, NANCY J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/150,331
                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                 SEQUENCE CHARACTERISTICS
                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 212-758-4800
                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/031,143B FILING DATE: 12-MAR-1993 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-SOFTWARE: WORD PERFECT # 5.1
                                                                                                                                                                 NAME: WILLIAM S. FEILER REGISTRATION NUMBER: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (415) 494-0792
                                                                                              TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                       CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
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 STRANDEDNESS:
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                                 LENGTH:
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NUCLEIC ACID
EDNESS: SINGLE
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                                                                                                212-751-6849
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SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            MORGAN & FINNEGAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TREATMENT OF XSCID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           O. WESLEY
METHODS FOR DIAGNOSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US 07/651,437
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                                                                                                                                                              26,728
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RESULT 1141
US-08-031-143B-33/c
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                          Matches
                                     Query Match
Best Local Similarity
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Best Local
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:NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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APPLICANT: MCBRIDE, O
TITLE OF INVENTION: M
TITLE OF INVENTION: T
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                                                                                                                                  DESCRIPTION:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM 5. FEILER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 200
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MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                      ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 212-758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
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CLASSIFICATION:
                                                                                                                                                                                 STRANDEDNESS: SING
                                                                                                                                                                                                                                                                                TELEPHONE: 212-758-48
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                                                                                          ORGANISM: HUMAN
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                TYPE: NUCLEIC ACID
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4797 GTTGGAAGGAGCAGGAA 4813
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                                                                                                                                                            OLIGONUCLEOTIDE
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                                    0.3%;
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O. WESLEY
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                                     Score 13.8;
Pred. No. 1.
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Pred. No. 1.2e+03;
                         Mismatches
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                    1.2e+03;
2;
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                                                Length 20;
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US-08-308-869-1/c
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                                                                                                                                                                                                                Sequence 2, Application US/08393997 Patent No. 5643729
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Best Local
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/308,869
                                              APPLICANT: Taniguchi, Tadatsugu
APPLICANT: Harada, Hisashi
TITLE OF INVENTION: Methods for Diagnosing Cancer, Precancerous
TITLE OF INVENTION: State, or Susceptibility to Other Forms of
TITLE OF INVENTION: Diseases by Detecting an Acceleration of Exc
TITLE OF INVENTION: Skipping in IRF-1 mRNA
NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/081,572
FILING DATE: 23-JUN-1993
ATTORNBY/AGENT INFORMATION:
NAME: TUMNHADIT GITGAN K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 24
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
TITLE OF INVENTION:
                                  CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: LEHNHARDT, SUSAN K.
REGISTRATION NUMBER: 33,943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
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                    ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                       406 CAAGAGGCAACGGGCGG 422
                                                                                                                                                                                               INFORMATION:
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STERNE, KESSLER,
00 New York Ave.,
                                                                      State, or Susceptibility to Other Forms of Diseases by Detecting an Acceleration of Exon Skipping in IRF-1 mRNA
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  GOLDSTEIN & FOX
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US-08-450-257-23
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Sequence 23, Appr-
Sequence 23, Appr-
Sequence 23, Appr-
No. 5652122
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Best Local Similarity 88.2%;
Matches 15; Conservative
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APPLICANT: FRANKE
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                                                                                                                                    COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/393,997
FILING DATE: herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36,688
REGISTRATION NUMBER: 36,688
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LENGTH: 20 base pairs
TYPE: nucleic acid
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
                                                                                           APPLICATION NUMBER: 1
FILING DATE: 25-MAY-
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
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MEDIUM TYPE: Floppy disk
APPLICATION NUMBER: US 0 FILING DATE: 21-AUG-1992 APPLICATION NUMBER: US 0
                                                                                                                                                                                                                                                                                                                                 CITY: New York
STATE: New York
                                                      APPLICATION NUMBER: US 0 FILING DATE: 28-APR-1994
                                                                                                                                                                                                                                                                                                             COUNTRY:
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INVENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
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                                                                                                                                                                                                                                                                                                                                                                        1251 Avenue of the Americas
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             202-371-2540
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                                                                           US 08/235,403
                                    US 07/934,375
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Pred. No. 1.2e+03;
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RESULT 1145
US-08-450-246-23
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Sequence 23, App. ...
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: FRANKEL
APPLICANT: PABO, C
APPLICANT: BARSOUM
                           PILING DATE: 25-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/235,403
PILING DATE: 28-APR-1994
APPLICATION NUMBER: US 07/934,375
PILING DATE: 21-AUG-1992
APPLICATION NUMBER: US 07/098,766
PILING DATE: 28-JUL-1993
APPLICATION NUMBER: PCT/US93/07833
APPLICATION NUMBER: PCT/US93/07833
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                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
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ADDRESSEE: FISH & N
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (212) 596-900
TELEFAX: (212) 596-9090
TELEX: 14-8367
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                                                                                                                                                                                        APPLICATION NUMBER: US/08/450,246 FILING DATE: 25-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
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REGISTRATION NUMBER: 27,7
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 07/636,662 FILING DATE: 02-JAN-1991 APPLICATION NUMBER: US 08/158,015
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New York
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I: FAMELL, Stephen E.
I: PERINSKY, R. B.
INVENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
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US 07/454,450
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Pred. No. 1
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                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,098
FILING DATE: 25-MAY-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/235,403
FILING DATE: 28-APR-1994
APPLICATION NUMBER: US 07/934,375
FILING DATE: 21-AUG-1992
APPLICATION NUMBER: US 07/934,375
FILING DATE: 21-AUG-1993
APPLICATION NUMBER: US 07/098,766
FILING DATE: 28-UUL-1993
APPLICATION NUMBER: US 07/098,766
FILING DATE: 28-UUL-1993
APPLICATION DATE: 28-UUL-1993
APPLICATION DATE: 28-UUL-1993
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: BARSOUM,
APPLICANT: BARSOUM,
APPLICANT: FAMELL,
APPLICANT: PEPINSKY,
TITLE OF INVENTION:
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HYPOTHETICAL:
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NAME: Haley Jr., James F.
REGISTRATION UMBER: 27 794
REFERENCE/DOCKET NUMBER: B170 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
TELEPAX: (212) 596-9090
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CORRESPONDENCE ADDRESS:
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TYPE: n
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STATE: New York
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APPLICATION NUMBER:
FILING DATE: 02-JAI
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TYPE: nucleic acid
STRANDEDNESS: single
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                         APPLICATION NUMBER:
                                          FILING DATE:
                                                          FILING DATE: 19-AUC
                                                                         FILING DATE: 28-JUL-1993
APPLICATION NUMBER: PCT/US93/07833
FILING DATE: 19-AUG-1993
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FAWELL, Stephen E.
PEPINSKY, R. B.
NVENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
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                                  21-DEC-1989
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MBER: US 07/636,662
02-JAN-1991
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                                                            US 07/454,450
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Pred. No. 1.
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RESULT 1147
US-08-487-141B-72
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,141B
FILING DATE: 07-UN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
PILING DATE: 12-UL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4004
TELEPHONE: (215)563-4004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 72, Approximately No. 5683987
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: nucleic acid
                                                                                                  TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: HYPOTHETICAL:
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REFERENCE/DOCKET NUMBER: B170
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 24-NOV-1993
ATTORNEY/AGENT INFORMATION:
MOLECULE TYPE: DI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (212) 596-9090
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                                   STRANDEDNESS: single TOPOLOGY: not relevant
                                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
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                                                                                   CENGTH:
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                                                                                      20 base pairs
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1601 Market Street
                                                                                                                                       (215)563-4044
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                     DNA (genomic)
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88.2%; Pred. No. 1.
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t Suite 720
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RESULT 1149
US-08-271-880A-81/c
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GENERAL INFORMATION:

APPLICANT: Smith, Larry J.

TITLE OF INVENTION: Therapeutic Oligonuc

TITLE OF INVENTION: Targeting the Human
                                                             Sequence 81, Application US/08271880A Patent No. 5693535
                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 73,
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         GENERAL INFORMATION:
APPLICANT: Kennet
APPLICANT: Bharat
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: D
HYPOTHETICAL: NO
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 536
PRIOR APPLICATION UDATA:
APPLICATION UDATA: US 08/379,180
FILING DATE: 12-JUL-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/01
FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE:
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15; Conserv
                                                                                                                                                                                                                                                                                                                                                                            nucleic acid
DEDNESS: single
DGY: not relevant
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                                                                                                                                                                                                                                                                                                                                                                                                                                 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (215)563-4100
(215)563-4044
          Kenneth G. Draper
Bharat Chowrira
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Targeting the Human MDR1 and
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Pred. No. 1
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                                                                                                                                                                                                                                                                      Length 20
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US-08-271-880A-88/c
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                                                                                                                                                                                                                                   Sequence 88, Application US/08271880A Patent No. 5693535
                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Kenneth
APPLICANT: Bharat
APPLICANT: James M
                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                              Matches 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DÂTA:
PRIOR APPLICATION DATA: including appplication
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/103,243
PILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: MAY 14, 1992
ATTORNEY/AGENT INFORMATION:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                        APPLICANT: James McSwiggen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
TITLE OF INVENTION: REPLICATION
NUMBER OF SEQUENCES: 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS TITLE OF INVENTION: REPLICATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/271,880A FILING DATE: July 7, 1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: (ZIP: 90071
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: storage
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633 West Fifth Street
                                                                                                                                                                                Bharat Chowrira
                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              James McSwiggen
Dan T. Stinchcomb
                                                                                                                                                                                                  Kenneth G. Draper
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                                                                                                                                                                                                                                                                                                                                                                                                                               Score 13.8;
Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                              Indels
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RESULT 1151
US-08-171-718-13/c
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 67-3510 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                         APPLICANT: Trofatter, James A.
APPLICANT: MacCollin, Mia M.
APPLICANT: Gusella, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Thereof
NUMBER OF SEQUENCES: 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER APPLICATION NUMBER FILING PARTS
                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
                                                             COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPB: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA: including appplication PRIOR APPLICATION DATA: described below: APPLICATION NUMBER: 08/103,243 FILING DATE: August 6, 1993 APPLICATION NUMBER: 07/882,886 FILING DATE: May 14, 1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08
FILING DATE: JULY 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: inc
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TYPE: nucleic acid
STRANDEDNESS: single
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
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OPERATING SYSTEM:
                                                                                                                                                                                                   STATE: D.C
                                                                                                                                                                                                                    CITY: Washington
CLASSIFICATION:
                                                                                                                                                                                                                                                           ADDRESSEE:
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California
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                                                                                                                                                                                                                                     E: Sterne, Kessler, Goldstein & Fox 1100 New York Avenue, N.W., Suite 600
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                                  US/08/171,718
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Pred. No. 1.2e+03;
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US-08-171-718-80
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INFORMATION FOR SEQ ID NO: 13
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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                                                                                                                                          COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENTIN Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/171,718
FILING DATE: 2-DEC-1993
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-PEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026,063
FILING DATE: 04-MAR-1993
PRIOR APPLICATION NUMBER: US 08/026,063
APPLICATION NUMBER: US 08/026,063
FILING DATE: 14-MAR-1993
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APPLICANT: Trofatter, James &
APPLICANT: MacCollin, Mia M.
APPLICANT: Gusella, James F.
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APPLICATION NUMBER: US 08/108
PILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022
PILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026
PILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                 ATTORNEY/AGENT INFORMATION:
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ADDRESSEE: Sterne, K
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Local Similarity 88.2%;
hes 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET:
REFERENCE/DOCKET NUMBER: 0609.3850003
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VENTION: Tumor Suppressor Gene Merlin
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Pred. No. 1.
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                                                                                                         ; TYPE: nucleic acid
STRANDEDNESS: sing
; TOPOLOGY: linear
; MOLECULE TYPE: Other
US-08-241-465B-12
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                                                 Matches
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Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                            Query Match
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                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
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TITLE OF I
                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-8850
                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                        FILING DATE: May 11, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek, Jr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: HUMAN CHONDROMODULIN-I PROTEIN NUMBER OF SEQUENCES: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                          Local
                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: May 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
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3785 CGAGGGCAGGGCGGCCG 3801
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                                               l Similarity
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5719125
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805 Fifteenth Street, N.W., #700
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                                              0.3%;
ilarity 88.2%;
Conservative
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Akiko MORI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Jun KONDO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Yuji HIRAKI
Kazuhiro TAKAHASHI
Junko SUZUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Fujio SUZUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (202) 371-2540
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                                              Score 13.8; DB 1; Length 20; Pred. No. 1.2e+03; 0; Mismatches 2; Indels
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Pred. No. 1.
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US-08-451-233-23
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; HYPOTHETICAL:
US-08-451-233-23
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                                                              Matches
                                                                             Query Match
Best Local 9
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/
FILLING DATE: 28-APR.1994
APPLICATION NUMBER: US 07/
FILLING DATE: 21-AUG-1992
APPLICATION NUMBER: US 07/
FILLING DATE: 28-UUL-1993
APPLICATION NUMBER: PCT/US
FILLING DATE: 19-AUG-1993
APPLICATION NUMBER: PCT/US
FILLING DATE: 19-AUG-1993
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 596-9000
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                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 19-AUG-1993
APPLICATION NUMBER: US 07/454,450
FILING DATE: 20-DEC-1989
APPLICATION NUMBER: US 07/636,662
FILING DATE: 02-JAN-1991
APPLICATION NUMBER: US 08/158,015
                                                                                                                                                                                                                                                                                    TELEPHONE: (212) 596-9090
                                                                           Local
                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                     NAME: Haley Jr., James REGISTRATION NUMBER: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                      STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
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                                                                                                                                                                       TOPOLOGY:
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                          4554 CCCAAACCCACCAGTTT 4570
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                                                          Similarity 88.2
15; Conservative
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CCCAGACCCACCAGGTT 20
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VENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
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27,794
PER: B170 CIP 2
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                                                                             Score 13.8;
Pred. No. 1
                                                              Mismatches
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RESULT 1156
US-08-418-859-18
; Sequence 18, Application US/08418859
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Best Local Similarity
                                                                                                                                                Matches
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[NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: B170 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 28-APR-1994
APPLICATION NUMBER: US 07/934,375
FILING DATE: 21-AUG-1992
APPLICATION NUMBER: US 07/098,766
FILING DATE: 28-JUL-1993
APPLICATION NUMBER: PCT/US93/07833
                                                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (212) 596-9090
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                                                                                                                 4554 CCCAAACCCACCAGTTT 4570
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1251 Avenue of the Americas
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VVENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
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JMBER: PCT/US93/07833
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Pred. No. 1.2e
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RESULT 1157
US-08-782-980-1/c
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FILING DATE: 27 Aug-1991
APPLICATION NUMBER: 9119089.2
FILING DATE: 06-Sep-1991
APPLICATION NUMBER: 9124636.3
FILING DATE: 20-NO. 5811235-1991
APPLICATION NUMBER: 9207379.0
FILING DATE: 03-Apr-1992
APPLICATION NUMBER: 9212627.5
FILING DATE: 15-Jun-1992
APPLICATION NUMBER: 9212627.5
FILING DATE: 15-Jun-1992
APPLICATION NUMBER: 9212881.8
FILING DATE: 17-Jun-1992
APPLICATION NUMBER: 9212881.8
FILING DATE: NUMBER: 9212881.8
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SOFTWARE: ASCII from WPS-PLUS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/418,859
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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REGISTRATION NUMBER: 9727
REFERENCE/DOCKET NUMBER: 9727
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1000
TELECOMMUNICATION 1000
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                             TITLE OF INVENTION: TITLE OF INVENTION:
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TITLE OF INVENTION:
TITLE OF INVENTION:
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                                            CORRESPONDENCE ADDRESS
                                                                            NUMBER OF SEQUENCES:
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Local Similarity 88.2%;
les 15; Conservative
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TYPE: Nucleic Acid
STRANDEDNESS: Single
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U.S.A.
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Morrison & Foerster
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METHOD OF
CHARACTERISATION
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Pred. No. 1.
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Patent No. 5837464
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                            -08-790-963-50
                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: (TITLE OF INVENTION: ITITLE OF INVENTION: ITITLE OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                               APPLICANT: Daniel J. Capon
APPLICANT: Christos John Petropoulous
TITLE OF INVENTION: Compositions And Methods For
TITLE OF INVENTION: Determining Anti-viral Drug Susceptibility And
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 33,943
REFERENCE/DOCKET NUMBER: 241802000100
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
APPLICATION NUMBER: US 08,
PILING DATE: 23-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: LEINHARDT, SUSAN K.
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 14-JAN-19
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TOPOLOGY: li
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 755 Page Mill Road CITY: Palo Alto
                                                                                                                                                                                                                                                                     ADDRESSEE:
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1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                    United States
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                                                                  US/08/790,963
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Pred. No. 1
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS 3.20
SOFTWARE: ASCII from WPS-PLUS
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 212-278-0400
               ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 97:
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TITLE OF INVENTION:
TITLE OF INVENTION:
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 1100 New CITY: Washington
                                                                                APPLICATION NUMBER: 9212627.5
FILING DATE: 15-Uun-1992
APPLICATION NUMBER: 9212881.8
FILING DATE: 17-Uun-1992
                                                                                                                                             FILING DATE: 20-No. 5853989-1991
APPLICATION NUMBER: 9207379.0
FILING DATE: 03-Apr-1992
                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 26 Aug APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/643,181 FILING DATE:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                              APPLICATION NUMBER:
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                                                                                                                                                                                                                                                            26 August 1992
UMBER: 9118371.5
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                                                                                                                                          03-Apr-1992
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88.2%; Pred. No. 1
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                 97279/PHM.36520/US
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                                                           Matches
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Best Local
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Best Local Similarity
Matches 15; Conserv
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SEQUENCE CHARACTERISTICS
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APPLICATION NUMBER: US/C
FILING DATE: Herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                              TELEPHONE: (609) 779-240
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: :
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS:
TELECOMMUNICATION INFORMATION:
                                                                                                                                      TOPOLOGY: Line ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Loren Miraglia, Thomas Geiger,
APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
TITLE OF INVENTION: Compositions and Methods for
TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 4
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OPERATING SYSTEM: 1
SOFTWARE: WORDPERFI
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TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE:
                                                                                                                                                                                 TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Cherry Hill
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                            216 AGCCGCGGCAGCCGTGG 232
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Law Offices of Jane Massey Licata
210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                WORDPERFECT 5.1
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ilarity 88.2%;
Conservative
                                                         Conservative
                                                                                                                                                 Linear
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                                                                                                                                                                 Single
                                                                         0.3%;
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                                                                         Score 13.8; DB 1
Pred. No. 1.2e+03
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Pred. No. 1.2e+03;
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                                                           Mismatches
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                                                                                      DB 1; Length 20;
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RESULT 1161

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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGIH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-227-180B-30/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-808-474A-22/c
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                                                                                                                                                                                                                                                                                                                                                                   Sequence 30, Application US/08227180B Patent No. 5866698 GENERAL INFORMATION:
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Ver:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDAL:001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Ecker et al.
TITLE OF INVENTION: Modi
TITLE OF INVENTION: Thra
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227,180B
FILING DATE: APIL 13, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
TITLE OF INVENTION: FOR ANTISENSE TARGETING
NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nuc. sing STRANDEDNESS: sing STRANDEDNESS: sing
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TELEPHONE: 121.
                                                                                                                                                                                                             CITY: Cherry Hill
                                                                                                                                                                                                                                 STREET:
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ZIP: 75201-6776
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                                                                                                                                                                            COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          406 CAAGAGGCAACGGGGGG 422
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Similarity 88.2%;
15; Conservative
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                                                                                                                                                                                                                               E: Jane Massey Licata, Esq.
210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: Locke Purnell Rain Harrell
2200 Ross Avenue, Suite 2200
                                                                                                                                                                            USA
                                                                                                                                                                                                                                                                                                                                                  Ecker et al
                                                                                                                                                                                                                                                                                                          Modulation of Gene Expression
Through Interference with RNA Secondary Structure
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Pred. No. 1.
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Best Local Similarity
                                                                                                      CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 72, Appli
Patent No. 5874567
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APPLICATION NUMBER: 07/518,929
FILING DATE: MAY 4, 1990
APPLICATION NUMBER: PCT/US91/02588
FILING DATE: April 15, 1991
APPLICATION NUMBER: 07/801,168
FILING DATE: No. 5866698ember 20, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:

APPLICANT: Smith, Larry J.

TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
                                 TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (215) 568-3439
NFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                        ZIP: 19103-2307

ZIP: 19103-2307

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
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TOPOLOGY: lin
ANTI-SENSE: yes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: ISIS-1420 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1601 ....
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Dann, Dorfman, Herrell and Skillman STREET: 1601 Market Street Suite 720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE:
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             nucleic acid
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Pred. No. 1.2e+03;
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US-08-927-561-73
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Sequence 73, App...
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                                                                       Query Match
Best Local S
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                                                                                                                                                                                                                                                         TELEFAX: (215)563-404.
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 536
PRIOR APPLICATION UDATA:
APPLICATION UDABER: US 08/487,141
FILING DATE: 05-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOPTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/927,561
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HYPOTHETICAL: NO ANTI-SENSE: YES
                                                                                                                                                  TOPOLOGY: not relevant MOLECULE TYPE: DNA (geno HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                     ANTI-SENSE:
                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 1601
CTTY: Philadelphia
                                                                                                                                                                                                                                                                                                                                       NAME: Rigaut, Kathleen REGISTRATION NUMBER: P4
                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 08-SEF
                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                              TYPE: nucleic acid
                                                                                                                                                                                                                                                                                         TELEPHONE:
                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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                            3713 TGATCGCGGCGAGGGGC 3729
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 N
                                                                         Similarity
TGATGGCGGCGATGGGC 18
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                                                                                                                                                                                                                                                                           (215) 563-4044
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                                                            Conservative
                                                                                                                                                                                                                                                                                            (215)563-4100
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                                                                       0.3%; Score 13.8; DB 1;
88.2%; Pred. No. 1.2e+03;
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Pred. No. 1
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                                                          Mismatches
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                                                                                       Length 20;
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RESULT 1165 US-08-910-629A-19 ; Sequence 19, Application US/08910629A ; Patent No. 5877309

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RESULT 1166
US-08-717-291-3
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Best Local Similarity 88.2%;
                                                                                                                                                                                                                                                                                                    Sequence 3, Applic Patent No. 5908773
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/9
FILING DATE: August 13, 199
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
[NFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SENERAL INFORMATION:
                                                                                                                                                            APPLICANT: Cesarman, Ethel
APPLICANT: Arvanitakis, Leandros
APPLICANT: Knowles, Daniel M.
APPLICANT: Mesri, Enrique
TITLE OF INVENTION: KSHV POSITIVE CELL LINES
NUMBER OF SEQUENCES: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDLIM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDLIM TYPE: STORAGE
COMPUTER: PENTIUM
OPERATING SYSTEM: WINDOWS 95
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: Linear ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: COMPOSITONS AND METHODS FOR THE MODULATION OF JNK
TITLE OF INVENTION: PROTEINS
                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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                                    COUNTRY: UZIP: 14603
                                                                         CITY: Rochester STATE: New York
                                                                                                              STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: Single
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ZIP: 08053
                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                GGATGACCTCGGGTGCT 17
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                                                                                                                                                                                                                                                                                                                  Application US/08717291
                                                                         New York
                                                                                                          E: NIXON, HARGRAVE, DEVANS & DOYLE LLP Clinton Square, P.O. Box 1051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: Law Offices of Jane Massey Licata 66 East Main Street
                                                        USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Nicholas M. Dean
Brett Monia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TMBER: US/08/910,629A
August 13, 1997
Floppy disk
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.3%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 9, Application US/08346832
Patent No. 5935779
                                    APPLICATION NUMBER: US/08/346,832
FILING DATE: 30-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/158,193
FRIOR APPLICATION DATA:
APPLICATION UMBER: US 07/652,427
FILING DATE: 06-FEB-1991
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ATTORNEY AGENT INFORMATION:
NAME: BRAWAN, SUSAN J
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 1960
TELECOWMUNICATION INFORMATION:
TELEPHONE: 716-263-1636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
APPLICANT:
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APPLICATION NUMBER: US/08/717,291
PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Goodman, Jack
APPLICANT: Kenton, John
APPLICANT: Lowke, George E.
APPLICANT: Namba, Yuzaburo
TITLE OF INVENTION: METHODS AND APPARATUS FOR IMPROVED
TITLE OF INVENTION: LUMINESCENCE ASSAYS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                   CITY: New York
STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1664 CCAGCTCCTGCAGCAGA 1680
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Leland, John K.
Shah, Haresh P.
                                                                                                                                                                                                                                                                                                                                                                               United States of America
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  US 07/539,389
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       tent No.
                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FLOOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/346,832
FILING DATE: 30-NOV-1994
CLASSIFICATION: 435
                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/158,193
FILING DATE: 24-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/652,427
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                               APPLICATION NUMBER: PRIOR APPLICATION NUMBER: APPLICATION NUMBER:
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LENGTH: 20 base pairs
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ATTORNEY/AGENT INFORMATION:
                                                                               PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
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Local Similarity 88.2%;
les 15; Conservative
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STATE: New York
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REGISTRATION NUMBER: 22.
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
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5935779
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Leland, John K.
Shah, Haresh P.
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                                                                                                                                                                                                                                                                                                                                                                  United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Lowke, George E.

Namba, Yuzaburo
JENTION: METHODS AND APPARATUS FOR IMPROVED
ENTION: LUMINESCENCE ASSAYS
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Kenton, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Massey, Richard J.
Blackburn, Gary F.
                  UMBER: US 07/266,882
03-NOV-1988
                                                                                                06-FEB-1991
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                                                                 US 07/539,389
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RER: 37
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Pred. No. 1.
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                                                                                                              ; MOLECULE TYPE: other nucleic acid; DESCRIPTION: /desc = "synthetic DNA" US-08-483-528B-77
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US-08-483-528B-77
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US-08-346-832-11
                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 77,
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Best Local (
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                                                                                                                                                                                                                          TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,528B
                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
                                                                                                                                                                                                                                                                     FILING DATE: 07-JUN-95
CLASSIFICATION: 536
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUMANIZED ANTIBODIES
NUMBER OF SEQUENCES: 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: ARLINGTON
STATE: VIRGINIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A. ZIP: 22201-4714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
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                                                                                                                                                                              STRANDEDNESS: single
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                                                                                                                                                                                                          LENGTH:
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                          521 CTGCTGGAACCATGGCA 537
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l Similarity 88.2%;
15; Conservative
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Y: U.S.A.
CTGCTGGAACCAGTGCA 19
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                                                                                                                                                                                                                                          : (703)816-4000
(703)816-4100
OR SEQ ID NO: 77:
                                                        Conservative
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HANAI, NOBUO
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KOIKE, MASAMICHI
                                                                                                                                                                 linear
                                                                       0.3%;
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                                                                        Score 13.8;
Pred. No. 1
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Pred. No. 1
                                                            Mismatches
                                                                     .2e+03;
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US-08-483-528B-78/c

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                                                                                                                                                                                                                                                                                                                        Sequence 6, Applic
Patent No. 5948902
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                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 78:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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APPLICANT:
APPLICANT:
                                                                                                                                                                        APPLICANT: Honkanen, Richard E
APPLICANT: Honkanen, Richard E
APPLICANT: Dean, Nicholas M
TITLE OF INVENTION: HUMAN SERINE/THREONINE PROTEIN PHOSPHATASE GENE EXPRESSION
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSE: Jaeckle Fleischmann & Mugel, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: 1: MOLECULE TYPE:
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LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/41
FILING DATE: 07-JUN-95
CLASSIFICATION: 536
TELECOMMUNICATION INFORMATION:
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TITLE OF INVENTION: HUI
NUMBER OF SEQUENCES: 1:
CORRESPONDENCE ADDRESS:
                                                                                                                            CITY: Rochester
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
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    Application US/08483528B
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                                                                                                                                                                  39 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: NIXON & VANDERHYE P.C.
1100 NORTH GLEBE ROAD
                                                                                                               USA
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VENTION: HUMANIZED ANTIBODIES
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KOIKE, MASAMICHI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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/desc = "synthetic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.3%; Score 13.8; DB 1; Length 20; 88.2%; Pred. No. 1.2e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 12,
                                                                                                                                                                             APPLICATION NUMBER: US/08/273,402B FILING DATE: 11-UUL-1994 CLASSIFICATION: 514 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/024,569 FILING DATE: 01-MAR-1993 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/843,731 APPLICATION NUMBER: 07/843,731
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
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TELEX: 200154
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                           FILING DATE: 28-FEB-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Strom, Terry APPLICANT: Rubin-Kelly,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-262-3640
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: METHODS AND COMPOUNDS FOR TITLE OF INVENTION: PREVENTION OF GRAFT REJECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE:
                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (617) 542-5070
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STRANDEDNESS: 81115
STRANDEDNESS: 81115
                                                                                       NAME: Paul T. Clark, Esq. REGISTRATION NUMBER: 30,162 REFERENCE/DOCKET NUMBER: 05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Boston
STATE: Massac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/975,211 FILING DATE: CLASSIFICATION: 514
                                  TELEFAX:
                                                 TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A. ZIP: 02110-2804
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REGISTRATION NUMBER:
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                                      (617) 542-8906
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88.2%; Pred. No. 1.2e+03;
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                             FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CIP OF 07/652,427
FILING DATE: 06-FEB-1991
                                                                               REGISTRATION NUMBER: 22,802
REFERENCE/DOCKET NUMBER: 37
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                          PRIOR APPLICATION DATA:
PRIOR APPLICATION UMBER: US CIP OF 07/266,882
                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CIP OF 07/266,882
FILING DATE: 03-NOV-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Blackburn, Gary F.
APPLICANT: Massey, Richard J.
TITLE OF INVENTION: METHODS AND APPARATUS FOR IMPROVED
TITLE OF INVENTION: LUMINESCENCE ASSAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
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APPLICATION NUMBER:
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Local Similarity 88.2%;
hes 15; Conservative
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STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 24-NOV CLASSIFICATION: 436
                                                TELEFAX:
                                                                 TELEPHONE:
                                                                                                                                                                                                                                             APPLICATION NUMBER:
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                                  425066CURTMS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Goodman, Jack L.
Lowke, George E.
                                                  : (212) 840-3333
(212) 840-0712
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Kenten, John H.
                                                                                                                                           Barry
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Pred. No. 1.:
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RESULT 1174
US-08-160-063-11
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Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US CON
FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
                               TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US CIP
APPLICATION NUMBER: US CIP
OTTING DATE: 03-NOV-1988
                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US CIP FILING DATE: 06-PEB-1991 PRIOR APPLICATION DATA: APPLICATION NUMBER: US CIP FILING DATE: 03-NOV-1988
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                                                                                                                                                                               APPLICATION NUMBER: US C
FILING DATE: 03-NOV-1988
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                  TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT
                                                                                                                                  NAME: Evans, Barry
REGISTRATION NUMBER: 22,802
REFERENCE/DOCKET NUMBER: 37
                                                                               TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: 24-NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
                                                                                               TELEPHONE:
                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           10036
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                                                                  425066CURTMS
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20 base pairs
cleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        B: Curtis, Morris & Safford, P.C
530 Fifth Avenue, 25 Flr
                                                                                 (212) 840-0712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Massey, Richard J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Goodman, Jack E.
Lowke, George E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Shah, Haresh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Blackburn,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Kenten, John
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                                                                                                   (212)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       24-NOV-1993
                                                                                                                                                                                                                                                     18-JUN-1990
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                                                                                                   840-3333
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                                                                                                                                                                                                                                                                                                                                                                                                                      US CON OF 07/827,270
                                                                                                                                                                                                                                                                                                                                                                      US CIP OF 07/652,427
                                                                                                                                                                                                                                                                    US CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US/08/160,063
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                                                                                                                                  370068-3680
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Pred. No. 1.
                                                                                                                                                                                                                                                                   QF
                                                                                                                                                                                                                    OF 07/266,882
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; TOPOLOGY: linear; MOLECULE TYPE: cDNA US-08-160-063-11
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US-08-910-408-81/c
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Sequence 49, Appr-
No. 5968826
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LENGTH: 20
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 81,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/166,203A CURRENT FILING DATE: 1998-10-05 NUMBER OF SEQ ID NOS: 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Bennett, C. Frank
APPLICANT: Condon, Tom P.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Kennet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: ISPH-0323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 tent No.
               COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOX
SOFTWARE: PASKISEQ VERSION 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                       APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowrira
APPLICANT: James McSwiggen
APPLICANT: James McSwiggen
APPLICANT: James D. Thompson
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
TITLE OF INVENTION: REPLICATION
                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                   ZIP: 90071
                                                                                                                                                                       COUNTRY:
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                                                                                                                                                                                         Los Angeles
California
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                                                                                                                                                                       U.S.A.
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US/08/910,408
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Pred. No. 1.
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Pred. No. 1.2e+03
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Best Local Similarity 88.2%;
Matches 15; Conservative
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INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 88, Application US/08910408 Patent No. 5972704
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PRICA APPLICATION DATA:

APPLICATION UNBER: 08/271,880

FILING DATE: July 7, 1994

APPLICATION NUMBER: 08/103,243

FILING DATE: August 6, 1993

APPLICATION NUMBER: 07/882,886

FILING DATE: Way 14, 1992

ATTORNEY/AGENT INFORMATION:

NAME: WALDUIG, RICHARD

REGISTRATION NUMBER: 32,327

REGISTRATION NUMBER: 32,327
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5
SOFTWARE: FASESGO VOFFSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,408
FILING DATE: US/08/271,880
APPLICATION NUMBER: 08/271,880
APPLICATION NUMBER: 08/103,243
APPLICATION NUMBER: 08/103,243
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
AFTORNEY/AGENT INFORMATION:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: METHOD AND REAGENT FOR TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY TITLE OF INVENTION: REPLICATION
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                        STATE: C
                                                                                                                                                                                                                                                                                                                                                         STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
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Dan T. Stinchcomb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Kenneth G. Draper
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 20;
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Best Local Similarity
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                                                                 TELEFAX: (703) 415-0813 (NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Briles, David E.
APPLICANT: Yother, Janet L.
APPLICANT: McDaniel, Larry, S
APPLICANT: McDaniel, Larry, S
TITLE OF INVENTION: Epitopic Regions of Pneumococcal Surface
TITLE OF INVENTION: Protein A
                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 00 FILING DATE: 20-MAY-1994 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/319,795
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: EDITITLE OF INVENTION: PTO NUMBER OF SEQUENCES: 20 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                             FILING DATE: 15-FEB-1991
TELECOMMUNICATION INFORMATION:
                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/835,698
FILING DATE: 12-FEB-1992
                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 424
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
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TELEPAX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1203 Crystar I
STREET: Davis Highway
CITY: Arlington
                                                                                                                                 APPLICATION NUMBER: FILING DATE: 15-FE
                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 20-AP
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TOPOLOGY: lin
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STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER:
                                                                                                 TELEPHONE:
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               nucleic acid
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1203 Crystal Plaza Bldg. 1
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                                                                                              415-0810
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Pred. No. 1
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1, 2001
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                                                                                                                                                                                                                                                                                                                                                                                           #1.25
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RESULT 1180
US-08-468-985-11/c
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Best Local S
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                                                                                                                     Matches
                                                                                                                                  Best Local
                                                                                                                                                Query Match
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                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,482
FILING DATE: 10-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 24884-1213
                                                                                                                                                                                                                                                                                                      TELEFAX: 202-962-8300 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                            TOPOLOGY: lin
MOLECULE TYPE:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS: Venable, Baetjer, Howard & Civiletti, LLP
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 202-962-4848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                    TELEPHONE: 202-962-8300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 1201
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1664 CCAGCTCCTGCAGCAGA 1680
                                                                                      308 GTAATGAGGAAGTTCTC 324
                                                           19 GCAATGAGGAATTTCTC 3
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                                                                                                                                    Similarity
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Perry III, William L.
Skolnick, Mark H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        U.S.A.
                                                                                                                     Conservative
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                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Teng, David H-F.
                                                                                                                                                                                              other nucleic acid
/desc = "Primer."
                                                                                                                                                                                                                                        single
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                                                                                                                                  0.3%; Score 13.8;
88.2%; Pred. No. 1
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Pred. No. 1
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Sequence 11, Application US/08468985 Patent No. 5997882 GENERAL INFORMATION:

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                                    NUMBER OF SEQ ID NOS:
SEQ ID NO 10
LENGTH: 20
                                                                                                                                                                                                                                Sequence 10, Appli
Patent No. 5998148
                                                                                                                                                                                                                                                                                                                                                                                                                         Matches 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                          APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Elizabeth J. Ackermann
TITLE ON INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESSI
FILE REFERNCE: RTS-0051
CURRENT APPLICATION NUMBER: US/09/289,368
CURRENT FILING DATE: 1999-04-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (703) 415-0810
TELEFAX: (703) 415-0813
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
DRGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 07/835,698 FILING DATE: 12-FEB-1992 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,985
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 15-FEB-1991 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/246,636 FILING DATE: 20-MAY-1994 PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Sheomaker and Mattare, Ltd.
STREET: 1203 Crystal Plaza Bldg. 1, 2001 Jefferson
STREET: Davis Highway
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: 20-APR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A. ZIP: 22202-0286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Virginia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH:
                  DNA
                                                                                                                                                                                                                                                                                                                                                                                     1664 CCAGCTCCTGCAGCAGA 1680
                                                                                                                                                                                                                                                                                                                                                 20 CCAGCTCCTGCACCAAA 4
                                                                                                                                                                                                                                                Application US/09289368
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 base pairs
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Yother, Janet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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20-APR-1993
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    Larry S
        Epitopic Regions of Pneumococcal Surface
        Protein A

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Pred. No. 1.
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Best Local Similarity
Whitehes 15; Conserve
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; OTHER INFORMATION: AntiBense Oligonucleotide
US-09-289-368-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide 
US-09-289-368-53
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 1183
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COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARRE: PatentIn Release #1.0, Version #1.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/673,799C
FILING DATE: 27-JUN-96
CLASSIFICATION: 536
TELECOMMUNITATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 87
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 53, Application US/09289368
Patent No. 5998148
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESSI
                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6042828
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.3
Best Local Similarity 88.3
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 77,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/289,368 CURRENT FILING DATE: 1999-04-08
                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                   CITLE OF INVENTION:
                                                                                                                                                                       STATE: VIRGINIA COUNTRY: U.S.A.
                                                                                                                                                                                           CITY: ARLINGTON
STATE: VIRGINIA
                                                                                                                                                                                                                      STREET:
                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4146 CCGGGACCTCCTGCTGG 4162
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                                                                                                                                                                                                                      1100 NORTH GLEBE ROAD
                                                                                                                                                                                                                                                                                                                HANAI, NOBUO
KUWANA, YOSHIHISA
                                                                                                                                                                                                                                                                                                HASEGAWA, MAMORU
                                                                                                                                                                                                                                                                                                                                                 SHITARA,
                                                                                                                                                                                                                                                                                                                                                                 KOIKE, MASAMICHI
                                                                                                                                                                                                                                                                                                                                                                               NAKAMURA, KAZUYASU
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Pred. No. 1.2e+03;
0; Mismatches 2;
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Pred. No. 1.
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.2e+03;
                                                                                  #1.25
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RESULT 1185
US-08-981-462-24
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                                                                                                                                                                                       JS-08-673-799C-78
                                                                                                                                                       Query Match
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                                                                                                                                                                                                                                                                                                         TELEFAX: (703)816-4100 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             tent No.
                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC COMPACTION
CORRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUMANIZED ANTIBODIES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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Local Similarity 88.2%;
les 15; Conservative
                                                                                                                       / Match 0.3%;
Local Similarity 88.2%;
les 15; Conservative
                                                                                                                                                                                                                                STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US. FILING DATE: 27-JUN-96 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: '(703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
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                                                                                            521 CTGCTGGAACCATGGCA 537
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                                                              CTGCTGGAACCAGTGCA 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1100 NORTH GLEBE ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 base pairs
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KOIKE, MASAMICHI
SHITARA, KENYA
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Pred. No. 1.2e+03;
                                                                                                                                       Score 13.8;
Pred. No. 1.2
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                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                   Version
                                                                                                                                       ..2e+03;
                                                                                                                                                        DB 1;
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                                                                                                                                                    Length 20;
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                                                                                                                      NUMBER OF SEQ ID NOS: 47
SEQ ID NO 26
LENGTH: 20
                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                 Sequence 26, Appli
Patent No. 6054440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 88.2%;
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Query Match
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                                                                                                                                                                    APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OP INVENTION: ANTISENSE MODULATION OF Jun N-TERMINAL KINASE KINASE-2 EXPRESSION
FILE REFERENCE: RTS-0067
CURRENT APPLICATION NUMBER: US/09/344,001
CURRENT FILING DATE: 1999-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEPAX: (312) 474-0448
INFORMATION FOR SEQ ID NO: 24:
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                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                          TYPE: DNA
                                                   OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PAPPLICATION UNMBER: PCT/AU96/00387
FILING DATE: 25-JUN-1996
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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TITLE OF INVENTION: NOVEL
TITLE OF INVENTION: CRYPTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Cawley, Jr., Thomas A.
REGISTRATION NUMBER: 40,944
REFERENCE/DOCKET NUMBER: 28594/34423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: United States of America ZIP: 60606-6402
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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linear
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 0.3%;
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 Score 13.8;
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Pred. No. 1
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Length 20;
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RESULT 1188
US-08-478-087-80
; Sequence 80, Application US/08478087
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: Trofat
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APPLICATION NUMBER: US/
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (202) 371-2540 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                     NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE: 04-MAR-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: MacCollin, Mia M.
APPLICANT: Gusella, James F.
TITLE OF INVENTION: Tunor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Thereof
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                                                                                                                                                                                                                                                                                                                   LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 08/171,718
FILING DATE: 22-DEC-1993
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
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                                                                                                                                                                                                                                                                                STRANDEDNESS:
TOPOLOGY: 11
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                                                                                                                                                                                                                                                                                  linear
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                                                                                                                                                                                 0
                                                                                                                                                                                                   Score 13.8;
Pred. No. 1.
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                                                                                                                                                                                                                    Length 20;
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                                                                                                                                                                                 Gaps
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US-08-473-313-9/c
; Sequence 9, Application US/08473313
; Patent No. 6078782
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,087
FILING DATE: 07-JUN-1995
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/171,718
FILING DATE: 22-DEC-1993
APPLICATION NUMBER: US 08/171,718
FILING DATE: 19-AUG-1993
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026,063
FILING DATE: 04-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
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                                                                                                                     GENERAL INFORMATION:
APPLICANT: Massey,
APPLICANT: Blackbu.
APPLICANT: Leland,
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Best Local Similarity 88.2%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
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APPLICANT: MacCollin,
                                                                APPLICANT:
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                          APPLICANT:
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COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Brown,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1100 New CITY: Washington
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                                                                                                                                                                                                                                                                                                                                                         3056 GGAGATCAAGCTGCAGA 3072
      OF INVENTION:
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                                                                                                                                                                                                                                                                                                                       GGAGACCAAGCTCCAGA 19
                                                                                                Blackburn, Gary
Leland, John K.
Shah, Haresh P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Sterne, Kessler, Goldstein & Fox 1100 New York Avenue, N.W., Suite 600
                        Goodman, Jack
Kenton, John
Lowke, George E.
Namba, Yuzaburo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
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WYENTION: Tumor Suppressor Gene Merlin and Uses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (202)
                                                                                                                                                             Massey, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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      METHODS AND APPARATUS FOR IMPROVED
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Mia M.
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Pred. No. 1.
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US-08-473-313-11
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                atent No. 6078782
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 37/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                             APPLICANT:
                                                                APPLICANT: Goodman, Jack
APPLICANT: Kenton, John
APPLICANT: Lowke, George E.
APPLICANT: Namba, Yuzaburo
TITLE OF INVENTION: METHODS AND APPARATUS FOR IMPROVED
TITLE OF INVENTION: LUMINESCENCE ASSAYS
                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 07-JUN-1995

FILING DATE: 07-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: US 08/158,193
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LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 0:
FILING DATE: 03-NOV-1988
ATTORNEY/AGENT INFORMATION:
                                  CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Evans, Barry
REGISTRATION NUMBER: 22,802
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 0: FILING DATE: 24-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: New York
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Curtis, Morris & Safford, P.C. 530 Fifth Avenue, 25th Floor
                                                                                                                                                                          Leland, John K.
Shah, Haresh P.
                                                                                                                                                                                                         Blackburn,
                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                           Massey, Richard J.
Blackburn, Gary F.
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06-FEB-1991
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Pred. No. 1.
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Best Local Similarity 88.2%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/539,389
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/266,882
FILING DATE: 03-NOV-1988
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, BAZTY
REGISTRATION NUMBER: 22,802
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEPAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                         STREET: CILL.
STREET: Nochester
CITY: Rochester
CTATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 06-FEB-1991
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/158,193
FILING DATE: 24-NOV-1993
                                                                                                                                                                                                                          TITLE OF INVENTION: PR
TITLE OF INVENTION: HE
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                              APPLICANT: Cesarman, APPLICANT: Knowles, I
                                                                                                    COMPUTER READABLE FORM:
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                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: 07-JUN CLASSIFICATION: 435
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OPERATING SYSTEM: PC-DOS/MS-DOS
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STATE: New York
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TOPOLOGY: lir
                                                                                                                                     COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE:
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                                                                                                                                                                                                             ADDRESSEE:
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                RE: PatentIn Release #1.0, Version #1.30 APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1: 20 base pairs nucleic acid
                                                                                                                                                                                                                                                                                                                                                                       Application US/08728603
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': United States of America
                                                                                                                                                                                       E: NIXON, HARGRAVE, DEVANS & DOYLE LLP
Clinton Square, P.O. Box 1051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PatentIn Release #1.0, Version #1.30
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07-JUN-1995
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                                                                                                                                                                                                                                                               PROTEINS OF KAPOSI'S SARCOMA ASSOCIATED HERPESVIRUS
                                                                                                                                                                                                                                                                                                 Daniel M.
                                                                                                                                                                                                                                                                                                                    Ethel
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US/08/728,603
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Pred. No. 1.
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Length 20; Indels

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RESULT 1193
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                                                                                                                                                                                                                                                  US-08-532-896-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-09-358-685-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-358-685-30/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/358,685
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                   Sequence 45, Application US/08532896 Patent No. 6124115
                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 30, Application US/09358685 Patent No. 6121047
                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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Best Local
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION; ANTISENSE MODULATION OF SHP-1 EXPRESSION
FILE REFERENCE: RTS-0081
                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 716-263-1636
TELEPAX: 716-263-1600
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                               APPLICANT: LUU-THE, Van
APPLICANT: LABRIE, Fernand
TITLE OF INVENTION: PRODUCTION AND USE OF ISOLATED TYPE 5
TITLE OF INVENTION: 17B-HYDROXYSTEROID DEHYDROGENASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: BRAMAN, SUSAN J.
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 199
TELECOMMUNICATION INFORMATION:
                                                                                              NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA (genomic)
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Local Similarity 88.2%;
hes 15; Conservative
                 COUNTRY:
                                  STATE:
                                             CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 10 CLASSIFICATION:
                                                              STREET:
                                                                                ADDRESSEE: Ostrolenk, Faber, Gerb & Soffen
                                                                                                                                                                                                                                                                                                                                         2174 CTATATGAACATTCTCC 2190
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10036-8403
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                                                                1180 Avenue of the Americas
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ilarity 88.2%;
Conservative
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Pred. No. 1.
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Pred. No. 1.
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RESULT 1195
US-09-074-357-9/c
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ATTORNEY/AGEN: FLODBY disk

COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/532,896
FILING DATE:
CLASSIFICATION: 514

ATTORNEY/AGENT
                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 64
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 64, Application US/09418641A Patent No. 6124133 GENERAL INFORMATION:
                                                                                                                            Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
FILE REFERENCE: RTS-0105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 236925
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                          OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DI
HYPOTHETICAL: NO
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 382-0700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: SIR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (212) 382-0888
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 24,735
REFERENCE/DOCKET NUMBER: P/1259-313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Meilman,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2748 AAATTCTACCTGGAGTT 2764
                                                                                             794 GACCCATCTGCAATACC 810
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88.2%; Fred. No. 1.
                                                                                                                            0.3%; Score 13.8; DB 1;
88.2%; Pred. No. 1.2e+03;
ative 0; Mismatches 2;
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Sequence 9, Application US/09074357
Patent No. 6133024
GENERAL INFORMATION:
APPLICANT: GIOVANNANGELI, CARINI

APPLICANT:

HELENE, CLAUDE GIOVANNANGELI, CARINE

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; MOLECULE TYPE: other nucleic acid
US-09-074-357-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                                                                                                  Sequence 19, App. Patent No. 613324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                    CURRENT APPLICATION NUMBER: US/09/287,796A CURRENT FILING DATE: 1999-04-07 EARLIER APPLICATION NUMBER: 08/130,616 EARLIER FILING DATE: 1998-08-07 EARLIER APPLICATION NUMBER: 08/910,629 EARLIER FILING DATE: 1997-08-03
                                                                                                                                                            APPLICANT: MCKAY, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Nero, Pam
APPLICANT: Nero, Pam
APPLICANT: Gaarde, William A.
APPLICANT: Gaarde, William A.
APPLICANT: Grarde, William A.
TITLE OF INVENTION: FOR THE MODULATION OF JNK
FILE REFERENCE: ISPH-0350
                   NUMBER OF SEQ ID NOS:
EQ ID NO 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FR 93-15798
FILING DATE: 29-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 94-01536
FILING DATE: 27-DEC-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc
STREET: 500 Arcola Rd. 3C43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin polonia
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TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Smith Ph.D., Julie K.
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: EX93022-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/074,357
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NO 19
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88.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0,
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Pred. No. 1.2e
0; Mismatches
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-323-32
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US-09-418-640-37/c
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                                                                                                                                                                                        SEQ ID NO 32
LENGTH: 20
TYPE: DNA
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SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 37, Application US/09418640 Patent No. 6140125 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                               Sequence 32, Application US/09429323A Patent No. 6140126 Patent No. 6140126 6140123
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Best Local Similarity 88.2%;
                                                              Matches
                                                                             Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                  APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTIGENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
FILE REFERENCE: RTS-0092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0102
                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/429,323A CURRENT FILING DATE: 1999-10-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/418,640 CURRENT FILING DATE: 1999-10-15
                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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                               3794 GGCGGCCGGCGGGACA 3810
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17 GCCTGCCGGCGGGGACA 1
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15; Conservative
                                                                             Similarity
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                                                              Conservative
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                                                            Score 13.8; DB 1
Pred. No. 1.2e+03
0; Mismatches
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Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
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                                                                                             DB 1;
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                                                                                          Length 20;
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Length 20; Indels

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RESULT 1199
US-09-135-021-33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 81, Application Patent No. 6159692
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 33
LENGTH: 20
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APPLICANT: Splawski, Igor
APPLICANT: Keating, Mark T.
TITLE OF INVENTION: A HOMOZIGOUS MUTATION IN KVLQT1 WHICH CAUSES JERVELL
TITLE OF INVENTION: AND LANGE-NIELSEN SYNDROME
FILE REFERENCE: 2323-128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
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Patent No. 615010
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Homo sapiens
                                                                      PRIOR APPLICATION NUMBER: 08/910,408
APPLICATION NUMBER: 08/910,408
APPLICATION NUMBER: 08/103,243
APPLICATION NUMBER: 07/882,886
FILING DATE: AUGUST 6,1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
                                                                                                                                                                                                                                                  OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/249,215
                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING HUMAN IMMUNODEFICIENCY VIRUS
                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kenneth G. Draper
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    739 TCACCAAGCTGGACCAG 755
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Application US/09249215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/09135021A
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Dan T. Stinchcomb
James D. Thompson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Bharat Chowrira
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US-09-249-215-88/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; SEQUENCE DESCRIPTION: SEQ ID NO: 81: US-09-249-215-81
CURRENT APPLICATION DATA:

APPLICATION UNMBER: US/09/249,215

PILING DATE: 12-Feb-199

PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: 08/910,408

PILING DATE: 4Unknown-

APPLICATION NUMBER: 07/82,243

PILING DATE: August-6, 1993

APPLICATION NUMBER: 07/822,886

FILING DATE: May 14, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 206/116

TELEPONNUNICATION INFORMATION:

TELEPAN: (213) 489-1600

TELEFAX: (213) 489-1600

TELEFAX: 67-3510

INFORMATION FOR SEQ ID NO: 88:

SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 88, Application US/09249215
Patent No. 6159692
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4285 CGCACACCAGACGGGCA 4301
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            90071
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Dan T. Stinchcomb
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Query Match
Best Local Similarity
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                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide US-09-359-756-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-444-053-78
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Best Local Similarity
Matches 15; Conservat
                                                                                                                                                                                        APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: William Gaarde
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MEKK1 EXPRESSION
FILE REFERENCE: RTS-0077
CURRENT APPLICATION NUMBER: US/09/359,756
CURRENT FILING DATE: 1999-07-23
NUMBER OP SEQ ID NO3: 47
SEQ ID NO 36
LENGTH: 20
TYPE: NUM
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                             Sequence 36, Application US/09359756 Patent No. 6168950
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Best Local Similarity 88.2%;
Matches 15; Conservative
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CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO:
1196 ATCCCTGGAGTCTCTGC 1212
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                                                 Conservative
                                                             0.3%;
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Pred. No. 1.2e+03;
0; Mismatches 2
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                                                                Score 13.8; DB 1;
Pred. No. 1.2e+03;
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Pred. No. 1.2e
0; Mismatches
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ches 2;
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1.2e+03;
hes 2;
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                                                                                                                                              GENERAL INFORMATION:
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Best Local S
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                                             CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
EQ ID NO 86
LENGTH: 20
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                              NUMBER OF SEQ ID NOS: 176
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MEDIUM TYPE: Diskett
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STREET:
CITY: Sandy
CITY: Utah
US
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                                                                                                                                                                                                                                                                                                                                                                                                                                      1: 20 base pairs nucleic acid
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Sequence 86, Application US/09490692 Patent No. 6180353
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/818,267
FILING DATE: 17-MAR-97
ATTORNEY/AGENT INFORMATION:
NAME: Alan J. Howarth
REGISTRATION NUMBER: 36,553
REFERENCE/DOCKET NUMBER: 8616.CIP7
TELECOMMUNICATION INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
FILE REFERENCE: RTS-0120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 01
APPLICATION NUMBER: US 01
APPLICATION NUMBER: US 01
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OPERATING SYSTEM: Windows 95
SOFTWARE: Word Perfect 7.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/869
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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ADDRESSEE: Thorpe, No. 6174670th & Western, L.L.P.
STREET: 9035 South 700 East, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Wittwer, Carl
APPLICANT: Ririe, Kirk M.
APPLICANT: Rasmussen, Ran
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Monitoring Hybridization NUMBER OF SEQUENCES: 27
                                                                                                                                                                                                                             18 ACGGCAGCAGAAGATCC 2
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                                                                                                                                                                                                                                                                                                                              0.3%;
Similarity 88.2%;
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6174670
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (801)566-0750
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (801) 566-6633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                single-stranded
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                                                                                                                                                                                                                                                                                                                                Score 13.8;
Pred. No. 1
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Sequence 22, Application US/0923614

Patent No. 6183966

GENERAL INFORMATION:

APPLICANT: GEAX, DONALD M.

APPLICANT: CLARK, CHRISTOPHER L.

APPLICANT: GEAX, DONALD M.

TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING

FILE REFERENCE: 91556/66384

CURRENT FILING DATE: 1999-01-22

PRIOR APPLICATION NUMBER: US/09/235,614

CURRENT FILING DATE: 1999-01-22

PRIOR APPLICATION NUMBER: 08/808,474

PRIOR APPLICATION NUMBER: 08/30,507

PRIOR APPLICATION NUMBER: 08/320,507

PRIOR PILING DATE: 1994-10-07

NUMBER OF SEQ ID NOS: 38

COLUMBER OF SEQ ID NOS: 38
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0120
CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 162
LENGTH: 20
TYPE: NEW
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US-09-490-692-162/c
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                                                                          US-09-235-614-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-235-614-22/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-490-692-162
Query Match
Best Local S
Matches 15
                                                                                                                                                                  SOFTWARE: POSEQ ID NO 22
LENGTH: 20
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Best Local S
Matches 15
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Patent No. 6180353
GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                          OTHER INFORMATION: Description of Artificial Sequence: S-ASC
                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Antisense Oligonucleotide
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Score 13.8; DB 1;
Pred. No. 1.2e+03;
0; Mismatches 2
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Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
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                                    DB 1;
                                Length 20;
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US-09-050-159-34/c

Sequence 34, Application US/09050159A Patent No. 6197505

GENERAL INFORMATION: APPLICANT: No. 6197505berg, APPLICANT: Andersson, Maria RESULT 1210

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APPLICANT: Ian Popoff
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION
FILE REFERENCE: RTS-0121
CURRENT APPLICATION NUMBER: US/09/517,584A
CURRENT FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 60
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 38, Application US/09517584A
Patent No. 6187587
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: M. COWSERT
APPLICANT: NYENTION:
ANTISENSE MODI
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                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide US-09-517-584A-60
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                                                              Query Match
Best Local S
Matches 15
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CURRENT FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                              Sequence 60, Application US/09517584A Patent No. 6187587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE:
                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                            Local Similarity
                             248
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 906 CTGACTGCCAGCTCCTG 922
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                        GGTGGACGGCCAGGGCC
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GGAGGÁCGGCCÁGGGAC 17
                                                            0.3%; Score 13.8; ilarity 88.2%; Pred. No. 1. Conservative 0; Mismatche
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                                                                                                                                                                                                                                                                                                                ANTISENSE MODULATION
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Pred. No. 1.2e+03
                                                                 Mismatches
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                                                                          1.2e+03;
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US-09-290-640-19/c
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US-09-103-875-74/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-290-640-19
Sequence 74, Application US/09103875A
Patent No. 6221849
Patent No. 6221849
GENERAL INFORMATION:
APPLICANT: Szyf, Moshe
APPLICANT: Bigey, Pascal
APPLICANT: Ramchandani, Shyam
TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
TITLE OF INVENTION: OLIGONUCLEOTIDES
FILE REFERENCE: 106101.194
CURRENT APPLICATION NUMBER: US/09/103,875A
CURRENT FILING DATE: 1998-06-24
EARLIER APPLICATION NUMBER: 60/069,865
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Best Local Similarity
Matches 15; Conser
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GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Dean, Nicholas M.
APPLICANT: MARCUSSON, Eric G.
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-0351
CURRENT APPLICATION NUMBER: US/09/290,640
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 85
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 19
LENGTH: 20
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LENGTH: 20
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TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS
TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
FILE REFERENCE: 1248/1D042
CURRENT APPLICATION NUMBER: US/09/050,159A
CURRENT FILING DATE: 1998-03-27
EARLIER APPLICATION NUMBER: 60/042,930
EARLIER FILING DATE: 1987-04-03
NUMBER OF SEQ ID NOS: 133
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 1.2e+03;
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Pred. No. 1
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; OTHER INFORMATION: Description of Artificial ; OTHER INFORMATION: Oligonucleotide US-09-103-875-74
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Best Local Similarity
Matches 15; Conserve
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                                                                                                                                                                                                                                                            RESULT 1214
US-09-313-932-428
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Best Local Similarity 88.2%;
Matches 15; Conservation
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NUMBER OF SEQ ID NOS: 138
SOFTWARE: PATENTIN VEY: 2.0
SEQ ID NO 74
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 428
                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                       Sequence 428, Application US/09313932A Patent No. 6228642
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Nero, Pam
APPLICANT: Gearde, William A.
APPLICANT: Gearde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
FILE REFERENCE: ISPH-0318
CURRENT APPLICATION NUMBER: US/09/130,616C
CURRENT FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
                                                                                     APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
                                    CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
                                                                         FILE REFERENCE: ISPH-0356
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APPLICANT: Dean, Nicholas M.
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                   4511 GGATGACCTCGAGAGCT 4527
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Pred. No. 1
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Pred. No. 1
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US-09-635-344-16
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                                                             Query Match
Best Local Similarity
Matches 15; Conserv
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8 16, April
10, 6232079
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Best Local Similarity 88.2
Matches 15; Conservative
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                                                                                                                                                                        TELEFAX: (801)566-0750
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                               FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/818,267
FILING DATE: 17-MAR-97
ATTORNEY/AGENT INFORMATION:
NAME: Alan J. HOWAITH
REGISTRATION NUMBER: 36,553
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: Toshiba T2150CDS
OPERATING SYSTEM: Windows 95
SOFTWARE: Word Perfect 7.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wittwer, Carl T.
APPLICANT: Ririe, Kirk M.
APPLICANT: Rasmussen, Randy P.
TITLE OF INVENTION: Monitoring Hybridization During
NUMBER OF SEQUENCES: 27
                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 86
TELECOMMUNICATION INFORMATION:
TELEPHONE: (801)566-6633
                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Thorpe, No. 6232079th & Western, L.L.P.
STREET: 9035 South 700 East, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 903
CITY: Sandy
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18
                              32 ACGGCCGCAGAAGAACC 48
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ACGGCAGCAGAAGATCC 2
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                                                               Conservative
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0; Mismatches 2
                                                                                                                                                                                                                                                                                                8616.CIP7
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                                                                             Score 13.8;
Pred. No. 1.
                                                               Mismatches
                                                                             .2e+03
                                                                                              DB 1;
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RESULT 1216 US-09-282-736-6/c

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TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-371-774-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 1217
US-09-371-774-50
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Patent No. 6235891
GENERAL INFORMATION:
APPLICANT: Honkanen, Richard E.
TITLE OF INVENTION: Glucocorticoid Receptor Agonist and Decreased
FILE REFERENCE: 004.00220
CURRENT APPLICATION NUMBER: US/09/282,736A
CURRENT FILING DATE: 1999-03-31
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
Query Match
Best Local Similarity 85.2
Conservative
                                                                                                                                                                                                                                                                 NAME WHITE, JOHN P.

RAGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 5013
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEPAX: 212-391-0526
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 50, Application US/09371774
Patent No. 6242187
GENERAL INFORMATION:
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Best Local Similarity 88.2%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Ver

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/371,774

FILING DATE: 10-AUG-1999

CLASSIFICATION: <UNKNOWN>

ATTORNAY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Daniel J. Capon
Christos John Petropoulous
TITLE OF INVENTION: Compositions And Methods For
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1412 TGAGGTGAAGGCAGAGT 1428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19 TGAGGTGAAGGCCAAGT 3
                                                                                                                                                                                                LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: New York
                               0.3%; Score 13.8; DB 1;
88.2%; Pred. No. 1.2e+03;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Determining Anti-viral Drug Susceptibility And Resistance and Anti-viral Drug Screening
                                                                                                                                                                                                                                                                                                                                                                                  50130-F/JPW/CMR
                                                                                                                                           50:
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RESULT 1219
US-09-487-445-127
; Sequence 127, Application US/09487445
; Patent No. 6258600
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US-09-398-629-16/c
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       GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8
FILE REFERENCE: RTS-0107
CURRENT APPLICATION NUMBER: US/09/487,445
CURRENT FILING DATE: 2000-01-19
                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local S
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Patent No. 6245514
GENERAL INFORMATION:
NUMBER OF SEQ ID NOS: 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (801)566-0750
INFORMATION FOR SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 08/869,276
FILING DATE: «Unknown»
APPLICATION NUMBER: US 08/818,267
FILING DATE: 17-MAR-97
ATTORNEY/AGENT INFORMATION:
NAME: Alan J. Howarth
REGISTRATION NUMBER: 36,553
REFERENCE/DOCKET NUMBER: 8616.CIP7
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: Toshiba T2150CDS
OPERATING SYSTEM: Windows 95
SOPTWARBE: WOOD Perfect 7.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Thorpe, No. 6245514th & Western, L.L.P.
STREET: 9035 South 700 East, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AL INFURENCE, CAIL APPLICANT: Wittwer, CAIL Ririe, Kirk M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Monitoring Hybridization During NUMBER OF SEQUENCES: 27
                                                                                                                                                                                                                                                                   18
                                                                                                                                                                                                                                                                                                        32
                                                                                                                                                                                                                                                                                                                                            1 Similarity
15; Conserv
                                                                                                                                                                                                                                                                                                      ACGGCCGCAGAAGAACC 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single-stranded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/398,629 FILING DATE: 17-No. 6245514-1999 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CCCATCTCTCTCCTTCT 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (801)566-6633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Sandy
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Pred. No. 1.2e+03;
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                                                                       EXPRESSION
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RESULT 1221
US-09-487-368A-83/c
; Sequence 83, Application US/09487368A
; Patent No. 6261840
; Patent No. 627840
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     밁
                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-487-368A-83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-377-309-49/c
                                                                                                                                 NUMBER OF SEQ ID NOS:
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 15; Conserv
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LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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LENGTH: 20
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 Matches
                                 Query Match
                                                                                                                                                                            FILLE REFERENCE: RTS-0093
CURRENT APPLICATION NUMBER: US/09/487,368A
CURRENT FILING DATE: 2000-01-18
CURRENT FILING DATE: 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bennett, C. Frank
APPLICANT: Condon, Tom P.
APPLICANT: Cowdert, Lex M.
APPLICANT: Cowdert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
FILE REFERENCE: ISPH-0390
CURRENT APPLICATION NUMBER: US/09/377,309B
CURRENT FILING DATE: 1999-08-19
EARLIER FILING DATE: 1999-08-20
EARLIER APPLICATION UNDBER: 09/166,203
EARLIER FILING DATE: 1998-10-05
EARLIER FILING DATE: 1998-10-05
EARLIER FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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Local Similarity nes 15; Conserv
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 Conservative
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               0.3%; Score 13.8; DB 1; 88.2%; Pred. No. 1.2e+03;
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                                                                                                                                                                                                                                                                                           Cowsert
                                                                                                                                                                                                                                                        ANTISENSE MODULATION OF PTP1B EXPRESSION
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Pred. No. 1.
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Pred. No. 1.2e+03
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                                 Length 20;
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Indels
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1266 CCTGGTGAGGCCAATCC 1282

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EARLIER APPLICATION NUMBER: 60/019,014
EARLIER FILING DATE: 1995-12-22
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 114
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Bapiens
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; Sequence 188, Application US/09593711A
; Patent No. 6271030
                                                                                                                                             US-09-135-020-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-09-593-711A-188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 188
LENGTH: 20
                                                                      Matches
                                                                                     Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                      EARLIER APPLICATION NUMBER: 08/921,068
EARLIER FILING DATE: 1997-08-29
EARLIER APPLICATION NUMBER: 08/739,383
EARLIER FILING DATE: 1996-10-29
                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/135,020 CURRENT FILING DATE: 1998-08-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: MUTATIONS IN THE KCNEI GENE ENCODING HUMAN mink WHICH TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING TITLE OF INVENTION: KONEI AS AN LQT GENE FILE REFERENCE: 2323-131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT FILING DATE: 2000-06-14
NUMBER OF SEQ ID NOS: 244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Sanguinetti, Michael C.
APPLICANT: Splawski, Igor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Keating, Mark T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Madeline M. Butler
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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                      739 TCACCAAGCTGGACCAG 755
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5, 6274331
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                                                                                       Similarity
TCTCCAGGCTGGACCAG 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                                     Score 13.8;
Pred. No. 1
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Pred. No. 1.2e+03;
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                                                                    Mismatches
                                                                                   .2e+03;
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                                                                                                    1; Length 20;
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APPLICANT: HUSZAT, Dennis

APPLICANT: GU, Wei

TITLE OF INVENTION: SCREENING METHODS FOR COMPOUNDS USEFUL IN THE

TITLE OF INVENTION: REGULATION OF BODY WEIGHT

FILE REFERENCE: 7853-083

CURRENT APPLICATION UNUMBER: US/08/870,511

CURRENT FILING DATE: 1997-06-06

NUMBER OF SEQ ID NOS: 45

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 25

LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE: THEORYMATTON: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Splawski, Igor
TITLE OF INVENTION: KULQT1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-13
CURRENT APPLICATION NUMBER: US/09/135,010A
CURRENT FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-07-29
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR APPLICATION NUMBER: 08/931,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence; OTHER INFORMATION: oligonucleotide US-08-870-511-25
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SEQ ID NO 35
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                                                     Best Loca
Matches
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APPLICANT: Lee, Frank
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                                                                                               Query Match
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Best Local Similarity 88.2%;
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TYPE: DNA
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                                                     Local Similarity 88.2%; hes 15; Conservative
2015 CAGCCACATCTGTACTG 2031
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Curran, Mark E.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Michael C.
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Pred. No. 1.2e
0; Mismatches
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                                                                         Score 13.8; DB 1
Pred. No. 1.2e+03
                                                       Mismatches
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                                                       Indels
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CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 147
LENGTH: 20
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APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RTS-0103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
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                            CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/934,375

FILING DATE: 21-AUG-1992
APPLICATION NUMBER: US 07/098,766

FILING DATE: 28-JUL-1993
APPLICATION NUMBER: PCT/US93/07833

FILING DATE: 19-AUG-1993
APPLICATION NUMBER: US 07/454,450

FILING DATE: 21-DEC-1989

APPLICATION NUMBER: US 07/636,662

FILING DATE: 02-JAN-1991

ADDITICATION NUMBER: US 07/636,662

FILING DATE: 02-JAN-1991
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: PEPINSKY, R. B.
TITLE OF INVENTION: TAT-DERIVED TRANSPORT POLYPEPTIDES
NUMBER OF SEQUENCES: 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: BARSOUM, James G. APPLICANT: FAWELL, Stephen E. APPLICANT: PEPINSKY, R. B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: FRANK
APPLICANT: PABO,
APPLICATION NUMBER: US 08/158,015 FILING DATE: 24-NOV-1993
                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: New York
STATE: New York
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Pred. No. 1.
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Tilletia indica
US-09-471-016-5
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                                   GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN mink WHICH
TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
TITLE OF INVENTION: KCNE1 AS AN LQT GENE
                                                                                                                                                                     Sequence 35, Application US/09444871 Patent No. 6323026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 5, Application US/09471016 Patent No. 6316195
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity 88.2%;
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APPLICANT:
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APPLICANT: Schaad, No. 6316195man W.
APPLICANT: Schaad, No. 6316195man W.
TITLE OF INVENTION: An Improved Method for the Detection and Identification
TITLE OF INVENTION: of Tilletia indica, the Causal Organism of Karnal Bunt
TITLE OF INVENTION: Disease by PCR
FILE REFERENCE: 0101.98
CURRENT APPLICATION NUMBER: US/09/471,016
CURRENT FILING DATE: 1999-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 13
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INFORMATION FOR SEQ ID NO:
URRENT APPLICATION NUMBER: US/09/444,871
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HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Haley Jr., James F.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: B170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (212) 596-9090
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                                                                                                                                                                                                                                                                                                                                                               Conservative
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88.2%; Pred. No. 1
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Pred. No. 1
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RESULT 1231
US-09-065-383-20/c
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US-09-702-246-77/c
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; ORGANISM: Homo sapiens
US-09-444-871-35
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: 08/921,068
EARLIER FILING DATE: 1997-08-29
EARLIER APPLICATION NUMBER: 08/739,383
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER FILING DATE: 1995-12-22
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: RTS-0195
CURRENT APPLICATION NUMBER: US/09/702,246
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
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SEQ ID NO 35
LENGTH: 20
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Best Local Similarity
                                                                                                                                                                                                    Sequence 20,
                                                                                                                                                                                                                                                                                                                                           Matches 15;
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Best Local Similarity
                                                                                                                                         GENERAL INFORMATION:
APPLICANT: BILLIN
APPLICANT: COHEN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
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EARLIER
                                                                                                                                                                                Transce 20, Application US/09065383 (tent No. 6391543
                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
                                                                            APPLICANT:
                                                APPLICANT:
    APPLICANT:
                                   APPLICANT:
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APPLICATION NUMBER: US 09/135,020
FILING DATE: 1998-08-17
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VENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION
                                                                                           COHEN, MAURICE
COLPITTS, TRACEY L.
FRIEDMAN, PAULA N.
GORDON, JULIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.3%;
ilarity 88.2%;
Conservative
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                                            GRANADOS, EDWARD N. HODGES, STEVEN C. KLASS, MICHAEL R.
KRATOCHVIL, JON D. ROBERTS-RAPP, LISA RUSSELL, JOHN C.
                                                                                                                                                        BILLING-MEDEL, PATRICIA
                                                                                                                                                                                                                                                                                                                                                         0.3%;
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Pred. No. 1.
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Pred. No. 1
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บร-09-065-383-20
                                                                Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                        NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 60
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 23-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATION SYSTEM: DOS
OPERATION SOFTWARE: FASTSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/065,383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                          LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
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                                                                                                                                                                                                                                                                                       TELEFAX: 847/938-2623
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                        1880 TGAGAAGGAGTGGCTGG 1896
18 TGTGAGGGAGTGGCTGG 2
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100 Abbott Park Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
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VENTION: REAGENTS AND METHODS USEFUL
VENTION: FOR DETECTING DISEASES OF THE PROSTATE
                                                                                                                                                             linear
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                                                                                     Score 13.8;
Pred. No. 1
                                                                      Mismatches
                                                                                     .2e+03
                                                                                                      Length 20;
                                                                      Indels
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                                                                      Gaps
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US-09-245-248B-10/c SOFTWARE: F SEQ ID NO 10 LENGTH: 20 TYPE: DNA GENERAL Sequence 10, Application US/09245248B Patent No. 6395472 APPLICANT: CURRENT APPLICATION NUMBER: US/09/245,248B CURRENT FILING DATE: 1999-02-05 NUMBER OF SEQ ID NOS: 71 APPLICANT: APPLICANT: FILE REFERENCE: APPLICANT: APPLICANT: TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS ORGANISM: Homo sapien INFORMATION: FastSEQ for Windows Version 4.0 Desai, Suresh Mushahwar, Isa Birkenmeyer, Larry Muerhoff, Scott Pilot-Matias, Tami Chalmers, Michelle Simons, John Leary, Thomas Erker, James Abbott Laboratories 6461.US.O1

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                                                                                                          ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-896-67
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                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Adrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPEND TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0220
CURRENT APPLICATION NUMBER: US/09/851,896
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 213
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 213, Application No. 6399297
GENERAL INFORMATION:
                                   Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                SEQ ID NO 67
LENGTH: 20
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APPLICANT: Cowsert, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: antisense sequence
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Local Similarity 88.2%;
hes 15; Conservative
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les 15; Conserv
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   1982 GGTGCTGGCCAAGCCTG 1998
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                                     Conservative
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                                                  Score 13.8; DB 1;
Pred. No. 1.2e+03;
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Pred. No. 1
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Pred. No. 1.2e+03;
                                     Mismatches
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                                     Indels
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EARLIER APPLICATION NUMBER: 08/921,068
EARLIER FILING DATE: 1997-08-29
EARLIER APPLICATION NUMBER: 08/739,383
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 35
LENGTH: 20
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                                                               ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-735-35
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Keating, Mark T.

APPLICANT: Keating, Mark E.

APPLICANT: Sanguinetti, Michael C.

APPLICANT: Curran, Mark E.

APPLICANT: Curran, Mark E.

APPLICANT: Connors, Timothy D.

APPLICANT: Burn, Timothy C.

APPLICANT: Splawski, Igor

TITLE OF INVENTION: KVIQTI - A LONG QT SYNDROME GENE

FILE REFERENCE: 2323-133

CURRENT APPLICATION NUMBER: US/09/597,735

CURRENT APPLICATION NUMBER: 09/135,010

EARLIER FILING DATE: 1998-08-17

EARLIER APPLICATION NUMBER: 09/135,010
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US-09-295-593-18
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APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
APPLICANT: LEE, YOON S.
APPLICANT: LEE, YOON S.
TITLE OF INVENTION: SUCCENCES AND METHODS OF USING SAME TO MODULATE CELL
TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL
TITLE OF INVENTION: GROWTH
FILE REFERENCE: 032396-046
CURRENT FILING DATE: 1999-04-22
EARLIER APPLICATION NUMBER: US 60/082,791
EARLIER FILING DATE: 1998-04-23
EARLIER FILING DATE: 1998-04-23
EARLIER FILING DATE: 1998-04-23
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LENGTH: 20
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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Best Local S
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SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                   EARLIER APPLICATION NUMBER: 60/094,477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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Pred. No. 1.
Score 13.8; DB 1;
Pred. No. 1.2e+03;
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RESULT 1238
US-09-036-637D-4/c
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                                                                                                                                                                                                                                                                                                                                 SOFTWARE:
SEQ ID NO 4
                                        Matches
                                                       Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION: APPLICANT: Friesen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Application US/09036637D Patent No. 6420551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local (
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/09036637D Patent No. 6420551
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                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/036,637D CURRENT FILING DATE: 1998-03-06 PRIOR APPLICATION NUMBER: 08/782,980 PRIOR FILING DATE: 1997-01-14 NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REFERENCE: 316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 316082001303
CURRENT APPLICATION NUMBER: US/09/036,637D
CURRENT FILING DATE: 1998-03-06
PRIOR APPLICATION NUMBER: 08/782,980
PRIOR FILING DATE: 1997-01-14
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Friesen, Albert D.
APPLICANT: Friesen, Albert D.
TITLE OF INVENTION: Antisense Oligonucleotides Targeted
TITLE OF INVENTION: Against Human Immunodeficiency Virus Infection
FILE REFERENCE: 316082001303
                                                                                                                    NAME/KEY: misc_feature
LOCATION: 1,3,5,7,9,11,14,17,19
OTHER INFORMATION: Base chemically modified by substitution of the
OTHER INFORMATION: naturally occurring oxygen of the phosphodiester
OTHER INFORMATION: backbone with sulfur to form the corresponding
OTHER INFORMATION: phosphorothioate derivatives of the oligomer.
                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                         OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                                                                                    ENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        406 CAAGAGGCAACGGGCGG 422
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 406 CAAGAGGCAACGGGCGG 422
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                                                       Similarity
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                                                                                                                                                                                                                                                                                                                                                     FastSEQ for Windows Version 4.0
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                                      Conservative
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316082001303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Antisense Oligonucleotides Targeted
                                                 0.3%;
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                                    Score 13.8; DB 1;
Pred. No. 1.2e+03;
0; Mismatches 2
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Pred. No. 1.2e+03;
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                                                                      DB 1; Length 20
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US-09-393-385B-77
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Best Local Similarity 88.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (703)816-4100 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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APPLICANT:
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OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/393,385B
FILING DATE: 27-UN-96
CLASSIFICATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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APPLICANT:
                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
                                                                                    APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUMANIZED ANTIBODIES
NUMBER OF SEQUENCES: 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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APPLICANT:
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TITLE OF INVENTION: HUMANIZED ANTIBODIES
NUMBER OF SEQUENCES: 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1100 NORTH GLEBE ROAD CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                     521 CTGCTGGAACCATGGCA 537
                                                                                                                                                                                                                                                                                                                                                                                                                                               15;
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ARLINGTON : VIRGINIA
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                                                                                                                                                                KOIKE, MASAMICHI
SHITARA, KENYA
HANAI, NOBUO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     : (703)816-4000
(703)816-4100
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                                                                                                                                                 KUWANA,
                                                                                                                                                                                                                      NAKAMURA, KAZUYASU
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            KUWANA, YOSHIHISA .
HASEGAWA, MAMORU
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NIXON & VANDERHYE P.C
                                                                                                                                             YOSHIHISA
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Pred. No. 1
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COUNTRY: U.S.A.

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                                                                                                                                             US-09-444-295-35
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Best Local Similarity
Matches 15; Conserv
                                                                       Matches
                                                                                                         Query Match
                                                                                                                                                                                                SEQ ID NO 35
LENGTH: 20
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Patent No. 6
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                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 114
                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT FILING DATE: 1999-11-22
PRIOR APPLICATION NUMBER: 09/135,020
PRIOR FILING DATE: 1998-08-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN mink WHICH
TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
TITLE OF INVENTION: KCNE1 AS AN LQT GENE
FILE REFERENCE: 2323-131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Keating, Mark T
APPLICANT: Sanguinetti, M:
APPLICANT: Splawski, Igor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/444,295
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 78
SEQUENCE CHARACTERISTICS:
                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/393,385B
FILING DATE: 27-JUN-96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "synthetic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH:
                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/094,477
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                                739 TCACCAAGCTGGACCAG 755
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                                                                                          Similarity
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Splawski, Igor
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ilarity 88.2%;
Conservative
                                                                       Conservative
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Pred. No. 1.2e+03;
0; Mismatches 2
                                                                                     Score 13.8; DB 1;
Pred. No. 1.2e+03;
                                                                     Mismatches
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                                                                                                       DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-676-610B-41
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                                                                                                                                      Sequence 35, App. --
Sequence 36, App. --
Sequence 36, App. --
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                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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Best Local Similarity
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SEQ ID NO 41
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION FILE REFERENCE: RTS-0247
CURRENT APPLICATION NUMBER: US/09/851,062
CURRENT FILING DATE: 2001-05-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Brenda F. APPLICANT: Susan M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
                                                APPLICANT:
                                                                                              APPLICANT: Keating, Mark T. APPLICANT: Sanguinetti, Mi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/676,610B CURRENT FILING DATE: 2000-09-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: RTS-0138
                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                 2833 AGCTGGTGGTGAAGTTT 2849
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 INVENTION: KVLQT1
             Landes, Gregory M.
Connors, Timothy D.
Burn, Timothy C.
Splawski, Igor
                                                                                                                                                                                                                                           AGCTGCTGGTGTAGTTT 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/09851062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09676610B
                                                                                                                                                            Application US/09597732
                                                                           Curran, Mark E
                                                                                            Sanguinetti, Michael
                                                                                                                                                                                                                                                                                                           Conservative
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88.2%;
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Pred. No. 1
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Pred. No. 1
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RESULT 1246
US-09-091-952A-97
; Sequence 97, Application US/09091952A
; Patent No. 6458532
; GENERAL INFORMATION:
GENERAL TOPOLICANT: Detern-Wadleigh, Se
; APPLICANT: Detern-Wadleigh, Se
                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Antisense Oligonucleotide US-09-517-467B-114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-732-35
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APPLICANT: Ian Popoff
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 114
LENGTH: 20
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/597,732
CURRENT FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: 09/135,010
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-08-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1998-07-29
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/019,014
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PRIOR FILING DATE: 1996-10-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 2323-133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20
                                                                                                                                                                                                                                                                                                                1091 GGACTCTGAATTTGTGA 1107
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                                      Badner, Judith A.
Goldin, Lynn R.
Berrettini, Wade H.
Yoshikawa, Takeo
                                                                                                          Detera-Wadleigh, Sevilla
Gershon, Elliot S.
                    Sanders, Alan R.
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Pred. No. 1.
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Pred. No. 1.2e+03;
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                                                                                                                                                                                                                                                                                               RESULT 1247
US-09-091-952A-195
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                                                                                                                                                                                                                                        Sequence 195, Applicat Patent No. 6458532 GENERAL INFORMATION:
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Best Local
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INFORMATION FOR SEQ ID NO: 97:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:

APPLICATION UNMBER: US 60/029,278

APPLICATION NUMBER: CCT-1996

APPLICATION NUMBER: PCT/US97/19381

FILING DATE: 28-0CT-1997

ATTORNEY/AGENT INFORMATION:

NAME: Smith, Timothy L.

REGISTRATION NUMBER: 35,367

REFERENCE/DOCKET NUMBER: 015280-2971

TELEPHONE: (415) 576-0200

TELEPAL: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity 88.7 es 15; Conservative
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ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
Tests for Manic-Depressive NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEO for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952A
FILING DATE: 19-Apr-1999
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Esterling, Lisa E.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic
                                                                                                                                                                                                  APPLICANT: Detera-Wadleigh,
Gershon, Elliot
                                                                                                                                                                                                                                                                                                                                                                                                        2792 CAAGAGTCAGGAAGGAG 2808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA
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TYPE: nucleic acid
STRANDEDNESS: single
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OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY:
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                                                                                                                                                                                                                                                                            Application US/09091952A
                                                     NVENTION: Chromosomal Markers and Diagnostic NVENTION: Chromosomal Markers and Diagnostic
                                                                                                                           Berrettini, Wade H.
Yoshikawa, Takeo
                                                                                                          Sanders, Alan R.
                                                                                                                                                                                 Badner, Judith A.
                                                                                                                                                              Goldin, Lynn
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Pred. No. 1.
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APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PT:
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
SEQ ID NO 83
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                                                                                                                                                                                                                                                                                                                                                                            Sequence 83, Application US/09629644A Patent No. 6492345
                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 195:
SEQUENCE CHARACTERISTICS:
ORGANISM: Artificial Sequence
                                         ENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DĀTA:
APPLICATION NUMBER: US/09/091,952A
APPLICATION NUMBER: J99
CLASSIFICATION: «Unknown»
PRIOR APPLICATION NUMBER: US 60/029,278
APPLICATION NUMBER: US 60/029,278
APPLICATION NUMBER: DCT/US97/19381
FILING DATE: 28-OCT-1996
APPLICATION NUMBER: DCT/US97/19381
FILING DATE: 28-OCT-1997
ATTORNEY/AGENT INFORMATION:
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les 15; Conserv
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2517 TCCTGGTGTGACCGAGT 2533
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Clone 48 reverse primer SEQUENCE DESCRIPTION: SEQ ID NO: 195:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TCCTGGTGTGCCCAAGT 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
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                                                                                                                                                                                                                                              Susan M. Freier
Brett P. Monia
Madeline M. Butler
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
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                                                                                                                                                                                                                                                                                                                  Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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Pred. No. 1.2e+03;
0; Mismatches 2
                                                                                                                                                                                                            PTP1B EXPRESSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 20;
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CURRENT APPLICATION NUMBER: US/09/658,688A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 1250
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                                                                                                                                                                                                                                                                                                                                                                   Patent No. 6500417
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                Sequence 18, Application US/08569284
Patent No. 6500417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Brett P.
APPLICANT: Jacquelicant: Jacquelicant: Jacquelicantifue of INVENTION: FILE REFERENCE: R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 72, Appli
Patent No. 6498035
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Donna T. Ward APPLICANT: William Gaarde APPLICANT: Brett P. Monia
                            CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
ODERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                      SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                        APPLICANT: VAN LEEN, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                       FILING DATE: 08-DEC-1995
                                                                                                                                                                                                  COUNTRY: USA
ZIP: 94304-1018
                                                                                                                                                                                                                                STATE:
                                                                                                                                                                                                                                             CITY: Palo Alto
                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local
FILING DATE:
APPLICATION NUMBER:
                                                                                          APPLICATION NUMBER: US/08/569, 284
                                                                                                                                                                                                                                                                            ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4526 CTGAGGCTCTAGCCACC 4542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1266 CCTGGTGAGGCCAATCC 1282
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                                                                                                                                                                                                                             California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/09658688A
                                                                                                                                                                                                                                                            755 Page Mill
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                     DORSSERS J.,
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MUTANTS OF HUMAN INTERLEUKIN-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        88.2%;
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                              US/08/150,331
 US 07/651,437
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Pred. No. 1.
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Pred. No. 1.
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                                                                                                                         Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1;
1.2e+03;
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FILING DATE: 05-FEB-1991 ATTORNEY/AGENT INFORMATION:

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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: FLORM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,741
FILING DATE: 16.5EP-196
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454312-2460
REFERENCE/DOCKET NUMBER: 454312-2460
TELECOMPUNICATION: 10FORMATION:
TELEPHONE: (212) 840-333
TELEPHONE: (212) 840-333
TELEPHONE: (212) 840-333
TELEPHONE: (212) 840-312
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
INFORMATION TO BOBBE PAIRS
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US-08-714-741-9/c
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Best Local Similarity 88.2%;
Matches 15; Conservative
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APPLICANT: Briles
APPLICANT: McDani
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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REGISTRATION NUMBER: 28,216
REFERENCE/DOCKET NUMBER: 24615-20010.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEPAX: (415) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: PNEUMOCOCCAL GENES, PORTIONS THEREOF,
TITLE OF INVENTION: EXPRESSION PRODUCTS THEREFROM, AND USES OF SUCH GENES,
TITLE OF INVENTION: PORTIONS AND PRODUCTS
NUMBER OF SEQUENCES: 47
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CORRESPONDENCE ADDRESS:
  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 530 Fifth
CITY: New York
STATE: New York
COUNTRY: U.S.
                                   LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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Brooks-Walter, Alexis
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Crain, Marilyn J.
Hollingshead, Susan
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Swiatlo, Edwin
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DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Larry S.
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Pred. No. 1.2e+03;
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US-08-714-741-28/c
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                                                                                                                                           US-08-714-741-28
                                                                                                                                                                                                           NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454312-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
GreanDerness. 5:010
                                                                   Matches
                                                                                    Query Match 0.3%; Score 13.8; DB 1; Length 20; Best Local Similarity 88.2%; Pred. No. 1.2e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Brooks-Wa
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,741
FILING DATE: 16-SEP-1996
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                               STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.
                                1664 CCAGCTCCTGCAGCAGA 1680
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CCAGCTCCTGCACCAAA 4
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NVENTION: PNEUMOCOCCAL GENES, PORTIONS THEREOF,
NVENTION: EXPRESSION PRODUCTS THEREFROM, AND USES OF SUCH GENES
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Swiatlo, Edwin
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Crain, Marilyn J.
Hollingshead, Susan
                                                                     Conservative
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                                                                                                                                                                                   linear
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88.2%; Pred. No. 1.2e+03;
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                                                                     Mismatches
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                                                                     Gaps
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RESULT 1253 US-09-668-313A-105/c ; Sequence 105, Application US/09668313A ; Patent No. 6503756

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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
ITITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 09/298,850
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; APPLICANT: Breatt P. Monia; APPLICANT: Susan M. Freie; APPLICANT: Jacqueline Wyai; APPLICANT: Jacqueline Wyai;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             밁
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                                                                                                                                                                                                                                                                                                                RESULT 1255
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                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                  Sequence 4035, Appli Patent No. 6537751 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 247
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-668-313A-105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
FILE REFERENCE: RTS-0127
CURRENT APPLICATION NUMBER: US/09/668,313A
CURRENT FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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CURRENT FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SUSAN M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
FILE REFERENCE: RTS-0127
                EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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les 15; Conserv
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60/082,614
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Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
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APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo Sapiens
FEATURE:
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1.20
COTHER INFORMATION: upstream amplification primer 99-5447 for US-09-422-978-5596
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-422-978-5596/c
; Sequence 5596, Application US/09422978
; Patent No. 6537751
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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Best Local Similarity 88.2%;
Matches 15; Conservative
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NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4035
LENGTH: 20
                                                                                                                                                                                               Sequence 9288, Application US/09422978 Patent No. 6537751
                                                                                                                                                                              GENERAL INFORMATION:
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Best Local S
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LENGTH: 20
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APPLICANT: Chumakov, Ilya
TITLE OP INVENTION: Biallelic markers
FILE REFERENCE: GENSET.020CP1
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ORGANISM: Homo Sapiens
FRATURE:
RAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-12880 for SEQ 101,
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; TYPE: DNA
; ORGANISM: Chlamydia
US-09-198-452A-3151
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; NAME/KEY: primer bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-24342 for SEQ 1423,
US-09-422-978-9288
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US-09-198-452A-3151/c
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Best Local S
Matches 15
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FULE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1711
LENGTH: 20
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Best Local S
Matches 15
                                                                                                   FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 3151

LENGTH: 20
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EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION UNMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9288
LENGTH: 20
 Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                 Sequence 3151, App
Patent No. 6559294
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                                                                                                                                                                                                      APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagno
TITLE OF INVENTION: and treatment of infection
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Conservative
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Pred. No. 1.2e
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Pred. No. 1.2e
0; Mismatches
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Pred.
13.8; DB 1;
No. 1.2e+03;
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RESULT 1260
US-09-198-452A-6010/c
; Sequence 6010, Application
; Sequence 6559294
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US-09-649-728-8/c
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US-09-198-452A-6010
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APPLICANT: Griffals, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fra-
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence
TITLE OF INVENTION: thereof and uses thereof, in particul
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                  Sequence 8, Application Patent No. 6562564
                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6315
LENGTH: 20
TYPE: DNA
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SEQ ID NO 6010
LENGTH: 20
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Best Local Similarity
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Best Local Similarity
                                        GENERAL INFORMATION:
APPLICANT: Honkanen,
TITLE OF INVENTION: I
                                                                                                                                                                                                                                                                                                             ORGANISM: Chlamydia
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            NUMBER OF SEQUENCES: 15
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ADDRESS:
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Pred. No. 1.
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Pred. No. 1.
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                             LEVELS OF PPS
                                         CELL PROLIFERATION
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                                                                                                                                           ; OTHER INFORMATION: primer US-09-460-555-6
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                                                      Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/460,555
CURRENT FILING DATE: 1999-12-14
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6, Application US/09460555 Patent No. 6563014
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Best Local Similarity 88.2%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Albert Einstein College of Medicine of Yeshiva University APPLICANT: Goldstein, Harris APPLICANT: Paul, Jessie B.
TITLE OF INVENTION: SELF-CONTAINED SYSTEM FOR SUSTAINED VIRAL REPLICATION FILE REFERENCE: 96700/552
                                                                                                                                                                                     TYPE: DNA
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 716-393-3001 INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Braman, Susan J
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 004.00126
TELECHOMUNICATION INFORMATION:
TELEPHONE: 716.393-3002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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4103 GTCGGGAGCCCAGAGGA 4119
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Braman & Rogalskyj, LLP STREET: P.O. Box 352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 08/975,127 FILING DATE: 20-NOV-1997
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                                                            Conservative
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                                                                             0.3%; Score 13.8;
88.2%; Pred. No. 1.
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Pred. No. 1.2e+03;
0; Mismatches 2
                                                              Mismatches
                                                                             1.2e+03;
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                                                                                               DB 1;
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RESULT 1265
US-09-799-160-16/c
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GENERAL INFORMATION:
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SEQ ID NO 36
LENGTH: 20
TYPE: DNA
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Best Local Similarity 88.2%;
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APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION
FILE REFERENCE: RTS-0252
CURRENT APPLICATION NUMBER: US/09/922,146
CURRENT FILING DATE: 2001-08-01
    INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                       APPLICATION NUMBER: 08/869,276
FILING DATE: - (Unknown)
APPLICATION NUMBER: US 08/818,267
FILING DATE: 17-MAR-97
FILING DATE: 17-MAR-97
ATTORNEY/AGENT INFORMATION:
NAME: Alan J. Howarth
REGISTRATION NUMBER: 36,553
REFERENCE/DOCKET NUMBER: 8616.CIP7
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: Toshiba T2150CDS

OPERATING SYSTEM: Windows 95
SOFTWARE: Word Perfect 7.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/799,160

FILING DATE: 05-Mar-2001

CLASSIFICATION: <understand the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of th
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TITLE OF INVENTION: Monitoring Hybridization During PCT
NUMBER OF SEQUENCES: 27
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SEQUENCE
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ADDRESSEE: Thorpe,
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COUNTRY: USA
ZIP: 84070
                                                                                      TELEFAX: (801) 566-0750
                                                                                                                         TELEPHONE: (801)566-6633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Sandy
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700 East, Suite 200
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Pred. No. 1.2e+03
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; ORGANISM: Homo sapiens
US-09-597-731-35
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/597,731
CURRENT FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: 09/135,010
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR FILING DATE: 1996-10-29
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SEQ ID NO 35
LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                           Sequence 9, Application US/08529055
Patent No. 6592876
GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-133
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                                               APPLICANT: Briles, David E.
APPLICANT: McDaniel, Larry S.
APPLICANT: Swiatlo, Edwin
APPLICANT: Swiatlo, Edwin
APPLICANT: Yother, Janet
APPLICANT: Brooks-Walter, Alexis
TITLE OF INVENTION: Pneumococcal Genes, Portions
TITLE OF INVENTION: Thereof, Expression Products
TITLE OF INVENTION: Therefrom, and Uses of Such Genes,
NIMBER OF INVENTION: Portions and Products
                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE DESCRIPTION: SEQ ID NO: 16:
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STRANDEDNESS: single-stranded
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Curran, Mark E.
Landes, Gregory M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Keating, Mark T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/09597731
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Curtis, Morris & Safford,
                   ADDRESS
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Pred. No. 1.
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Pred. No. 1.2e+03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE:
                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Honkanen, Richard E.
APPLICANT: Honkanen, Richolas M.
APPLICANT: HONKANEN, Nicholas M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODUATION OF HUMAN SERINE/THREONINE
TITLE OF INVENTION: PHOSPHATASE GENE EXPRESSION
FILE REFERENCE: ISPH-0572
CURRENT APPLICATION NUMBER: US/09/825,497A
CURRENT FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
LENGTH: 20
TYPE: NA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/09825497A Patent No. 6599742
                                                                            Matches
                                                                                                Query Match
Best Local Similarity
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,055
FILING DATE: 15-SEP-1995
CLASSIFICATION: 435
ATTORNEY/ACENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454312-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                               TYPE: DNA
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MEDIUM TYPE: Floppy disk
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TYPE: nucleic acid
STRANDEDNESS: single
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TELEFAX: (212) 840-0712
                            1412 TGAGGTGAAGGCAGAGT 1428
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TGAGGTGAAGGCCAAGT 3
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ilarity 88.2%;
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Pred. No. 1.2e
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RESULT 1269 US-09-780-045-40/c ; Sequence 40, Application US/09780045

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RESULT 1271
US-09-719-190-3/c
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Best Local Similarity
Marches 15; Conserve
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                                                      GENERAL INFORMATION:
APPLICANT: Thonnard, Joelle
TITLE OF INVENTION: Moraxella Catharrahalis
TITLE OF INVENTION: and Polypeptides
                                                                                                                                          Sequence 3, Application US/09719190 Patent No. 6649171
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Best Local Similarity
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SEQ ID NO 12
LENGTH: 20
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LENGTH: 20
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GENERAL INFORMATION:
FILE REFERENCE: BM45326
CURRENT APPLICATION NUMBER: US/09/719,190
CURRENT FILING DATE: 2001-05-14
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CURRENT APPLICATION NUMBER: US/09/780,045
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PO 8088 PRIOR FILING DATE: 1997-07-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Toxin Genes from the Bacteria Xenorhabdus nematophilus and TITLE OF INVENTION: luminescens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Commonwealth Scientific and Industrial Research Organisation APPLICANT: EAST, Peter David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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OTHER INFORMATION: Antisense Oligonucleotide
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88.2%; Pred. No. 1.
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Pred. No. 1.2e+03;
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                                                                                 Polynucleotides
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RESULT 1273
US-09-665-615B-121
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SEQ ID NO 121
LENGTH: 20
TYPE: DNA
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SEQ ID NO 19
LENGTH: 20
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LENGTH: 20
                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
APPLICANT: Wyatt, Jacqueline
TITLE OF INVENTION: Antisense Modulation of Pas Mediated Signaling
FILE REFERENCE: ISPH-0502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
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                                                                                                                                                                                                                                                                                          Sequence 121,
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Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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                                                                                                                                                                                                                                                                       Patent No. 665313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/665,615B CURRENT FILING DATE: 2000-09-18 PRIOR APPLICATION NUMBER: US 09/290,640 PRIOR ETILING DATE: 1999-04-12 NUMBER OF SEQ ID NOS: 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Marcusson, Eric G.
APPLICANT: Wyatt, Jacqueline
TITLE OF INVENTION: Antisense Modulation of
FILE REFERENCE: ISPH-0502
                                                 PRIOR APPLICATION NUMBER: US 09/290,640 PRIOR FILING DATE: 1999-04-12 NUMBER OF SEQ ID NOS: 179 SOFTWARE: Patentin Ver. 2.0
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                         CURRENT APPLICATION NUMBER: US/09/665,615B
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Synthetic Sequence
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Similarity 88.2%;
                                                                                                                                                                                                                                                                                           Application US/09665615B
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88.2%; Pred. No. 1
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Pred. No. 1
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US-09-980-052-209/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-860-473-133/c
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                                                   NUMBER OF SEQ ID NOS: 243
SOFTWARE: KopatentIn 1.71
SEQ ID: 00 209
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 6670130 GENERAL INFORMATION:
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Best Local Similarity
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LENGTH: 20
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                                                                                                                                                                          PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd. APPLICANT: KIM, Cheol Min APPLICANT: PARK, Hee Kyung TITLE OF INVENTION: Oligonucleotide for detection FILE REFERENCE: PP05020/PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: RTS-0222
CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
                                                                                                                    PRIOR FILING DATE:
                                                                                                                                     PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR
                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/980,052
CURRENT FILING DATE: 2001-11-28
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ORGANISM: Artificial Sequence
                                       LENGTH: 20
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Pred. No. 1.2e+03
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Pred. No. 1
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; OTHER INFORMATION:
; OTHER INFORMATION:
US-09-980-052-209
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; Sequence 51, Application US/09495714C
; Patent No. 6670465
                                                                           US-09-293-427-45
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SEQ ID NO 51
LENGTH: 20
                                                                                                                                                                SEQ ID NO 45
LENGTH: 20
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Best Local Similarity 88.2%;
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   Matches
                      Best
                                     Query Match
                                                                                                                                                                                              TITLE OF INVENTION: METHOD AND CONSTRUCTS FOR INHIBITING PROTEIN EXPRESSION FILE REPERBUCE 913.6599P
CURRENT APPLICATION NUMBER: US/09/293,427A
CURRENT FILING DATE: 1999-04-16
EARLIER APPLICATION NUMBER: 60/013,922
EARLIER FILING DATE: 1996-03-22
EARLIER APPLICATION NUMBER: 67/013,921
EARLIER APPLICATION NUMBER: 67/013,921
EARLIER FILING DATE: 1996-03-22
EARLIER FILING DATE: 1996-03-22
EARLIER FILING DATE: 1997-12-19
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Wordperfect 8.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1
FILE REFERENCE: 45499.4 (formerly 45074.6)
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: JIANG, WEINNING
APPLICANT: MITTA, MASANORI
APPLICANT: INOUYE, MASAYORI
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: FANG, LI
                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Primer
                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
 Local Similarity 88.:
hes 15; Conservative
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                    88.2%;
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88.2%; Pred. No. 1.
0.3%; Score 13.8; DB 1
88.2%; Pred. No. 1.2e+03
ive 0; Mismatches
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Pred. No. 1.
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1.2e+03;
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RESULT 1280
US-09-032-438C-26/c
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US-09-966-451-55/c
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US-09-966-451-27
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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LENGTH: 20
                                                 GENERAL INFORMATION:
APPLICANT: Rattner, Amir
                                                                                Sequence 26, Application US/09032438C Patent No. 6713300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 55, Application US/09966451 Patent No. 6692959
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APPLICANT: SUBAN M. Fréler
TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-4 EXPRESS
FILE REFERENCE: RTS-0324
CURRENT APPLICATION UMBER: US/09/966,451
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 88
                  APPLICANT:
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-4 EXPRESS
EILE REFERENCE: RTS-0324
CURRENT APPLICATION NUMBER: US/09/966,451
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 88
    APPLICANT:
                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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Sun, Hui
Lupski, James R.
Nathans, Jeremy
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Pred. No. 1.
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Pred. No. 1.
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RESULT 1282 US-09-917-963-38

Sequence 38, Application US/09917963 Patent No. 6767739 GENERAL INFORMATION:

APPLICANT: Rosanne M. Crooke APPLICANT: Mark J. Graham

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US-08-983-605-328
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                                                                                                                                      ; ORGANISM: Triticum aestivum US-08-983-605-328
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                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum Asstivum and Tribe Triticase and the Use of
TITLE OF INVENTION: Said Markers
FILE REFERENCE: 2936-10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 328
LENGTH: 20
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SEQ ID NO 26
LENGTH: 20
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Matches 15;
                                                                    Matches
                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 328, Appearent No. 67201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Li, Yixin
APPLICANT: Li, Yixin
TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences
TITLE OF INVENTION: Transporter And Methods Of Screening
TITLE OF INVENTION: ATP-Binding Cassette Transporter
FILE REFERENCE: BYLE-0065
CURRENT APPLICATION NUMBER: US/09/032,438C
CURRENT FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: US 60/039,388
PRIOR APPLICATION NUMBER: US 60/039,388
PRIOR FILING DATE: 1997-02-27
NUMBER OF SEQ ID NOS: 120
NUMBER OF SEQ ID NOS: 120
                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
                                                                                                                                                                          TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Oligonucleotide primer
                    5090 AGCTCTGCTTCCTTGGT 5106
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                                                                  15;
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1 AGCTCAGCTTGCTTGGT 17
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Allikmets, Rando
Lewis, Richard A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Singh, Nanda
Shroyer, No. 6713300h
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dean, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/08983605A
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                                                                  Conservative
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Pred. No. 1
                                                                                   Score 13.8;
Pred. No. 1
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                                                                    Mismatches
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                                                                                     .2e+03;
                                                                                                     DB 1;
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                                                                                                 Length
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                                                                  Gaps
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SEQ ID NO 38
LENCTH: 20
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/917,963
CURRENT FILING DATE: 2001-07-30
                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/031,143
FILING DATE: 12-MAR-1993
APPLICATION NUMBER: 08/121,435
FILING DATE: 14-SEPT-1993
ATTORNEY_AGENT INFORMATION:
NAME: WILLIAM S. FEILER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN TITLE OF INVENTION: EXPRESSION
                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SÉNERAL INFORMATION:
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APPLICANT: 1
                MOLECULE TYPE:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
CORENATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF TITLE OF INVENTION: XSCID XSCID XSCID
HYPOTHETICAL:
                                                                                                                                                                                            REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
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                                                             STRANDEDNESS:
                                                                                                                                                            TELEPHONE: Z12-751-6849
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CITY: NEW YORK
                                                    TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE
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                                                                                                      ENGTH:
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                                                                 NUCLEIC ACID
STREET SINGLE
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              OLIGONUCLEOTIDE
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Pred. No. 1.2e+03
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                                                     PCT-US94-02891-33
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Best Local Similarity
Matches 15; Conserv
Query Match
Best Local Similarity
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MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/02891
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/031,143
FILING DATE: 12-MAR: 1993
APPLICATION NUMBER: 08/121,435
FILING DATE: 14-SEPT-1993
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FELLER
REGISTRATION NUMBER: 26,728
                                                                                                                                                                                                                                                          TELEX: 421792
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                   HYPOTHETICAL: NATI-SENSE: NO ORIGINAL SOURCE:
                                                                                                                                                      MOLECULE TYPE:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
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ZIP: 10154
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                                                                                                                                                                                                      TYPE: NUCLEIC ACID
STRANDEDNESS: SINGI
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                                                                                                                                                                                                                                                                                                            212-751-6849
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Pred. No. 1.2e+03
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 Score 13.8; DB 1;
Pred. No. 1.2e+03;
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                 Length 20;
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RESULT 1286
PCT-US96-09388-72
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PCT-US95-06406A-12
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                                                                                                                             Sequence 72, Application PC/TUS9609388
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 12, Application PC/TUS9506406A
GENERAL INFORMATION:
APPLICANT: Janet D. Robishaw, Charles Kunsch
TITLE OF INVENTION: cDNA Clones Encoding Human G Protein
TITLE OF INVENTION: Subunits
                                                                                                                                                                                                                                                                                                                   Matches
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
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CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
PCT/US95/06406A
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: 1BM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                            TITLE OF INVENTION: Therapeutic Oligonuclectides
                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: Linear ANTI-SENSE: No
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ADDRESSEE:
                                                                                 NUMBER OF SEQUENCES:
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                                                              CORRESPONDENCE ADDRESS:
                             STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: Nucleic Acid
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                                             ADDRESSEE:
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             Philadelphia
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                           3: Dann, Doriman, r
1601 Market Street
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                               Dorfman, Herrell and Skillman
ket Street Suite 720
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                                                                                                                                                                                                                                                                                                                                 Score 13.8; DB 1; Length 20; Pred. No. 1.2e+03;
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                                                                                                                                                                                                                                                                                                                   Mismatches
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                                                                                                                                                                                                                                                                                                                  Indels
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                                                                                               MRP Genes
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RESULT 1287
PCT-US96-09388-73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 73, Application PC/TUS9609388
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (215)563-404
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                          ZIP: 19103-2307

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIAN RE-BASE #11.0, Version #1.30

CURRENT APPLICATION DATA:
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. MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: not relevant MOLECULE TYPE: DNA (genor HYPOTHETICAL: NO ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 631
TELECOMMUNICATION INFORMATION:
                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                    APPLICATION NUMBER: PCT/US96/09388 FILING DATE: 07-JUN-1995 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                      STREET: 1601 F....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 08/379,180 FILING DATE: 12-JUL-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 0 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3713 TGATCGCGGCGAGGGGC 3729
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                  USA
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                    63082C
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Pred. No. 1
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APPLICANT: Ecker, David J.

TITLE OF INVENTION: ANTISENSE INHIBITORS OF THE HUMAN
IMMUNODEFICIENCY VIRUS PHOSPHOROTHIOATE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 8
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/521,907
FILING DATE: 11-MAY-1990
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5166195-5/c
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HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US96-09388-73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO:5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2,
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Best Local Similarity
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Best Local Similarity 88.2%;
Matches 15; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                        ZIP: 45239-8707
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                      APPLICANT: BOWDEN, PAUL E.
APPLICANT: LUO, XIAOCHUN
APPLICANT: WAWRZYNIAK, CYNTHIA J.
APPLICANT: WAWRZYNIAK, CYNTHIA J.
TITLE OF INVENTION: USE IN HAIR KERATIN GENES AND THEIR
TITLE OF INVENTION: USE IN HAIR GROWTH ACTIVE IDENTIFICATION ASSAYS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                  APPLICATION NUMBER: US/08/117,373
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                               STREET: 11810 EAS
CITY: CINCINNATI
STATE: OHIO
COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
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CORSTANJE, BRAHM J
                                                                                                                                                                                                                                                                          E: THE PROCTER & GAMBLE COMPANY
11810 EAST MIAMI RIVER ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 base pairs
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Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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US-08-160-861-8
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                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0, Version #1.25
SOFTWARE: PAtentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/160,861
FILING DATE: 02-DEC-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MILLMAN, ROBERT A
REGISTRATION NUMBER: 36217
REFERENCE/DOCKET NUMBER: 0656.0400000
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                     Query Match
Best Local Similarity
Matches 15; Conserv
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APPLICANT: MORRIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 34,804
REFERENCE/DOCKET NUMBER: 45:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (513) 627-2858
TELEPHONE: (513) 627-0260
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                             TELEPHONE: (202) 371-
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: D.C.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                 TOPOLOGY: 1i
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LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: MORRIS, STEPHAN W
TITLE OF INVENTION: NOVEL FOR
TITLE OF INVENTION: FUSION ER
TITLE OF INVENTION: OF DETECT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
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TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                      LENGTH:
                                  3044 CCACTTCCAGGGGAGA 3060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1382 CCGGCCCTCCCTTATCC 1398
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CCACCTCCAGGGGCAGA 21
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                                                                                                                                                                                                                                        21 base pairs
                                                                         Conservative
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                                                                                                                                                                                                                                                                                            371-2678
                                                                                  0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NOVEL FUSION NUCLEIC ACID SEQUENCES AND FUSION PROTEINS PRESENT IN HUMAN t(2:5) LYMPHOMA, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10
                                                                       <u>,</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0
                                                                       Score 13.8; D. Pred. No. 1.3e 0; Mismatches
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Pred. No. 1.3e+03;
0; Mismatches 2
                                                                                          1.3e+03
                                                                                                         DB 1;
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                                                                                                         Length 21;
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                                                                         Gaps
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RESULT 1291 US-07-977-284A-140

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US-07-977-284A-140
                                                                                                                                                                                                Sequence 143, Application US/07977284A Patent No. 5558988
                                                                                                                                                                                                                                                                                                                                                                                          Matches
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                                                                                                             APPLICANT: Prockop, Darwin J.
APPLICANT: Prockop, Darwin J.
APPLICANT: Ala-Kokko, Leena
APPLICANT: Williams, Charlene J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPOUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: METHODS OF DETI
TITLE OF INVENTION: PREDISPOSITION
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
                                                                                   APPLICANT:
                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: LINEAR ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                          Match 0.3%;
Local Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 13-NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
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                                                                                                                                                                                                                                                                                                                                                   197 AGGAGAGGGCTGGCAAG 213
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                                                                                                                                                                                                                                                                                                                                                                                          15;
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                                                                                                                                                                                                                                                                                                               AĞĞAĞAĞĞĞÇAĞAÇAAĞ 21
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Ahmad, Nilofer Nina
Ahmad, Nilofer Nina
Ahmad, Nilofer Nina
Ahmad, Nilofer Nina
Ahmad, Nilofer Nina
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Williams, Charlene J.
Ritvaniemi, Pertti
Baldwin, Clinton
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                                                                                 Baldwin, Clinton
                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                            Score 13.8; DB 1; Length 21; Pred. No. 1.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                          .3e+03;
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US-08-297-248-5
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NAME: DELUCA, MAIK
REGISTRATION NUMBER: 33,229
REGISTRATION NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Monia
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                 COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
COMPUTER: PC-DOS
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: us/08/007,996
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                                                                                                                                                 SOPTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 13-NOV-
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: Une LL. CITY: Philadelphia
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                                                                                                                          FILING DATE:
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ADDRESSEE: Mackiewicz & No. 557620
STREET: One Liberty Place - 46th F
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Similarity 88.2%;
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Pred. No. 1.
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US-08-293-086-5
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Patent No. 5582986
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local :
                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
APPLICATION NUMBER: 715,196
FILING DATE: June 14, 1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Monia
                                                  TELEFAX: (215) 568-3439: NFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                    NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REGERENCE/DOCKET NUMBER: ISIS-0715
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: MODIA et al.
TITLE OF INVENTION: ANTISENSE OLIGOI
TITLE OF INVENTION: OF THE RAS GENE
NUMBER OF SEQUENCES: 24
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 958,13
                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: WORDPERFECT 5.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5582986ris
STREET: One Liberty Place - 46th Floor
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STRANDEDNESS:
                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
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                  nucleic acid
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single stranded
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er 5, 1992
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Pred. No. 1.
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US-08-293-086-5
RESULT 1296
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US-08-133-979A-24/c
                                                                                                                                                                                                                                                      Matches
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Best Local :
                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/133,
FILING DATE: October 8, 1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Herron, Charles J.
REGISTRATION NUMBER: 28,019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGE: NO
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MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ponath, Paul D.
APPLICANT: Rosa, Margaret D.
APPLICANT: Monroy, Rodney L.
APPLICANT: Schacter, Bernice Z.
APPLICANT: Schacter, Bernice Z.
APPLICANT: Schacter, Bernice Z.
APPLICANT: Schacter, Bernice Z.
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TELECOMMUNICATION INFORMATION:
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TELEPHONE: ZUL
TENERAX: 201-994-1744
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Local Similarity 88.2%;
nes 15; Conservative
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STRANDEDNESS: SINGI
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                                                                                                            CAGGTTCTGCAGCCACA 5
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Ponath, Paul D.
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Pred. No. 1.
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Pred. No. 1
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US-08-542-363-8

Sequence 8, Application US/08542363
Patent No. 5770421
GENERAL INFORMATION:

APPLICANT:

Morris, Stephan W.

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US-08-542-363-8
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Best Local Similarity
Matches 15; Conserv
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Sequence 18, Apr-
No. 5776680
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                                                                                                                                                                                                                                                                                       APPLICANT: Liebowitz, Michael ...
APPLICANT: Liu, Yong
TITLE OF INVENTION: Diagnostic Probes for
TITLE OF INVENTION: Pneumocystis Carinii
NUMBER OF SEQUENCES: 32
                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 1
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LENGTH: 21 base pairs
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NAME: FOX, Samuel L.
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 0656.0400001/SLF/GKT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                  CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                         STREET:
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                                                      FILING DATE:
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                                                                                                                                                                                                                         New Jersey
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                                                                                                                                                                                                        USA
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Ligands Thereof
43
                                                                                                                                                                                                                                                                                                                                          Diagnostic Probes for
   US/08/298,087
                                                                    US/08/505,509
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Pred. No. 1
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Best Local Similarity 88.2%;
Matches 15; Conservation
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Sequence 27, App.:.
                                            TELEFAX: (415)324-1678
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (609) 466-2760 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Dohrman, A
TITLE OF INVENTION: A
TITLE OF INVENTION: C
TITLE OF INVENTION: C
TITLE OF INVENTION: C
TITLE OF INVENTION: C
TITLE OF INVENTION: C
                                                                                                                                                                   APPLICATION NUMBER: 60/005,254
FILING DATE: October 10, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Hana Verny
                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: PC
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LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                     CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                         SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
FILING DATE: October 8, 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA
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                                                                                                                REFERENCE/DOCKET NUMBER: 48
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                NAME: Hana Verny
REGISTRATION NUMBER: 30,518
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Muccino, Richard R.
REGISTRATION NUMBER: 32,538
REFERENCE/DOCKET NUMBER: UM
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                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94306-1840
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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APPLICATION NUMBER:
STRANDEDNESS:
                              ENGTH:
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                 : 21 base pairs
nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                              California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              385 Sherman Avenue
                                                                                   (415)324-1678
                                                                                                                                                                                                                                                                                                                                                                                                                                United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PETERS,
                                                                                                       (415)324-1677
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (609) 466-3407
                                                                                                                                                                                                                                                                                                                                                                            Diskette -
                                                                                                                                                                                                                                                                         October 8, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    POLYMERASE CHAIN REACTION
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                                                                                                                                                                                                                                                                                         US/08/727,003A
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                                                                                                                                                                                                                                                                                                                                                                            3.5 inch, 1.44 Kb storage
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                                                                                                                                     480-77
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Pred. No. 1.
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RESULT 1300
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                 Sequence 38, Applicat Patent No. 5856188 GENERAL INFORMATION:
                                                                                                                                                                                                                 Query Match
Best Local
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Best Local Similarity 88.2%;
Matches 15; Conservative
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TELEFAX: (908) 273-4679
INFORMATION FOR SEQ ID NO: 18:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/068,248
FILING DATE: 27-MAY-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Richard R. Muccino
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Liu, Yong
TITLE OF INVENTION: In Vitro Assay For Inhibitors
TITLE OF INVENTION: Of The Intron Self-Splicing Reaction in Pneumocystis Carinii
APPLICANT: Hampel, Arnold E.
                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Muccino, Richard R.
REGISTRATION NUMBER: 32,538
REFERENCE/DOCKET NUMBER: UMD1-012
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                                                 Application US/08485689
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                                                                                                                                                                                                                                                                                                   unknown
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Pred. No. 1.3e
0; Mismatches
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Pred. No. 1.
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,689
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
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NAME: While, John P.
REGISTRATION UNMEER: 28,678
REFERENCE/DOCKET NUMBER: 4386
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEPAX: 212-278-0526
                                                                  SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,021A FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                           ZIP:
                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                              STATE:
                                                                                                                                                                                                                                                                                                                  CITY: New York
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REFERENCE/DOCKET NUMBER:
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1185 Avenue of the Americas
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1185 Avenue of the Americas
                                                                                                                                                                                                                                                                         United States Of America
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88.2%; Pred. No. 1.3e+03;
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43863-DZ/JPW/KJP
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Best Local Similarity 88.2%;
Matches 15; Conservative
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                                                                  Query Match
Best Local 9
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APPLICANT: Hawley
                                                                                                                                                                                                                            TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,890
APPLICATION MAY 8, 1995
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MEDIUM TYPE: 3.5 inch diskette
COMPUTER: 1BM PC Compatible
OPERATING SYSTEM: MS-DOS 6.0
SOFTWARE: ASCII
                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 21 BASES
                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 61
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                               CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Herron, Charles J.
REGISTRATION NUMBER: 28,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: RNA (genomic)
                                                                                                                             ANTI-SENSE:
                                                                                                                                        HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 2. CORRESPONDENCE ADDRESS:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                    Local Similarity
                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                     STRANDEDNESS: SINGLE
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                          CAAGTTCTACAGCCACA 1533
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                                                                                                                                                                                                                                        201-994-1744
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Monroy, Rodney L.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Hawley, Robert J. Ponath, Paul D.
                                                       Conservative
                                                                                                                                                      LINEAR
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                                                                  0.3%;
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                                                                  Score 13.8; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1
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                                                       Mismatches
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                                                                              Length 21;
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                                                     Gaps
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US-08-451-213-24/c
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Best Local S
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Patent No.
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                          STREET:
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Sequence 38, Application US/08478608B Patent No. 5869339
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INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: WS-DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                           APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
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PRIOR APPLICATION NUMBER: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Herron, Charles J.
REGISTRATION NUMBER: 28,019
REFERENCE/DOCKET NUMBER: 611
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: October 8, ATTORNEY/AGENT INFORMATION:
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ADDRESSEE: Carella, Byrne,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Enhancement of Xenograft Tolerance and Porcine Cytokines Ther
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STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: LINEAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: NUCLEIC ACID
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o. 5863528
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15; Conserv
: 1185 Avenue of the Americas
New York
New York
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Monroy, Rodney L.
Schacter, Bernice
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Pred. No. 1
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Best Local S
                                                                                                   CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
FILING DATE: APPLI 3, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
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FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4386
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
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INFORMATION FOR SEQ ID NO: 38:
                                                                                                                                                                                                                                                             COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Monia, B.P., Cowsert, L.M. and Manoharan, TITLE OF INVENTION: Antisense Oligonucleotide TITLE OF INVENTION: Inhibition of ras NUMBER OF SEQUENCES: 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
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OPERATING SYSTEM: PC-DDS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: DISKETT
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                                   PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                   FILING DATE:
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APPLICATION NUMBER: 08/007,996 FILING DATE: January 21, 1993
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210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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Pred. No. 1.
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RESULT 1306
US-08-256-426B-140
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MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IEM COMPATIBLE
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,426B
FLING DATE: 03-FEB-1995
CLASSIFICATION . 435
CRASSIFICATION NUMBER: PCT/US93/10964
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION
NAME: MARK DELUCA
REFERENCE/DOCKET NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TIII-1082
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APPLICANT: Procko
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                                                                                      TELEPHONE: (215) 568-310
TELEPAX: (215) 568-3439
[NFORMATION FOR SEQ ID NO: 1]
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: TJ
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
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TITLE OF INVENTION: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
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Local Similarity 88.2%;
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STRANDEDNESS:
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EDNESS: Single
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One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ala-Kokko, Leena
Williams, Charlene
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Baldwin, Clinton
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Pred. No. 1.
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Query Match
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; ANTI-SENSE: 1
US-08-256-426B-140
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                                                  Matches
                                                               Query Match
Best Local (
                                                                                                      -08-256-426B-143
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NFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977, 284
                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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MEDIUM TYPE: DISKETT
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ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
STREET: One Liberty Place - 46th Floor
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APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
                                                                                                                                                                                                                       TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                       FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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OPERATING SYSTEM:
                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                              NAME: Mark Deduct
REGISTRATION NUMBER: 33,229
                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
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                          197 AGGAGAGGGCTGGCAAG 213
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                                                                Similarity
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Williams, Charlene J.
                                                 Conservative
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Baldwin, Clinton
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13-NOV-1992
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Pred. No. 1
                                                               Score 13.8;
Pred. No. 1.
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                                                                         Length 21;
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RESULT 1308
US-08-848-840A-5
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Best Local
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Patent No. 5965722
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                                                                                                                                                                      TELEFAX: 215-568-3439 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/317,289
APPLICATION NUMBER: 03-0CT-1994
                                                                                                                                                                                                                                                                                                                         FILING DATE: 03-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/2:
                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                NAME: JOSEPH LUCCI
REGISTRATION NUMBER: 33
REFERENCE/DOCKET NUMBER:
                                                                                                             TOPOLOGY: 111
                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/227,180
FILING DATE: 13-APR-1994
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                                                                                                                                          TYPE:
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3911 GCCCACCCGACGCCGC 3927
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                                              Similarity
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                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  UMBER: 08/488,256
07-JUN-1995
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                                             Score 13.8;
Pred. No. 1
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                                Mismatches
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                                              1.3e+03
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US-08-961-469A-5
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Matches
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Patent No. 6010908
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Patent No. 6083923
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT FILE REFERENCE: 480.18-1(HV)
CURRENT APPLICATION NUMBER: US/08/487,799C
CURRENT FILING DATE: 1995-06-07
EARLIER APPLICATION NUMBER: 07/933,471
EARLIER FILING DATE: 1992-08-21
EARLIER FILING DATE: 1992-08-21
EARLIER FILING DATE: 1995-03-24
EARLIER FILING DATE: 1995-03-24
EARLIER FILING DATE: 1995-03-24
EARLIER FILING DATE: 1995-03-24
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                                                                                                                                                                                                                                                                 COMPUTER: PENTIUM
OPERATING SYSTEM: WINDOWS 9
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/9
FILING DATE: October 31, 19
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TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
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APPLICANT: Kunzelmann, Karl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Greg Hardee, Richard Geary, Arthur Levin, APPLICANT: Mike Templin, Randy Howard, Rahul Mehta TITLE OF INVENTION: LIPOSOMAL OLIGONUCLEOTIDE COMPOSITIONS NUMBER OF SEQUENCES: 61
                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: JANC MASSEY LICALA
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
                                                                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                            TELEPHONE: 609-779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ITY: Marlton
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                                                                                                                                                                                                                                                                        October 31, 1997
                                                                                                                                                                                                                                                                                                                                                                   WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.3%; Score 13.8; DB 1;
88.2%; Pred. No. 1.3e+03;
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                                                                                           ISPH-0219
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US-08-513-974B-272/c
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Best Local Similarity
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                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/JP95/0159

PRIOR APPLICATION DATA: JP 7-093989

APPLICATION NUMBER: JP 7-093989

PILING DATE: 19-AUG-1995

PRIOR APPLICATION NUMBER: JP 7-057186

FILING DATE: 16-MAR-1995

PRIOR APPLICATION DATA: JP 7-057186

FILING DATE: 16-MAR-1995

PRIOR APPLICATION DATA: JP 7-007177

FILING DATE: 20-JAN-1995

PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: JP 6-326611

FILING DATE: 28-DEC-1994

PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION
APPLICATION NUMBER: JP 6-2
FILING DATE: 30-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-2
FILING DATE: 30-SEP-1994
PRIOR APPLICATION NUMBER: JP 6-1
APPLICATION NUMBER: JP 6-1
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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TOPOLOGY: Line
ANTI-SENSE: Yes
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FILING DATE: 14-SEP-:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
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TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR PROTEIN,
TITLE OF INVENTION: PRODUCTION, AND USE THEREOF
NUMBER OF SEQUENCES: 380
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ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
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Fujii, Ryo
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10-AUG-1995
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88.2%; Pred. No. 1.
          JP 6-189274
                                                                                                          JP 6-236356
                                                                                                                                                                                                                 JP 6-236357
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1.3e+03;
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Patent No. 6117848
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Matches 15; Conserv
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PILING DATE: October 1, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 958,134
PILING DATE: October 5, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Monia, B.P., Cowsert, L.M. and Manoharan,
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Inhibition of ras
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 617-523-6440 INFORMATION FOR SEQ ID NO:
                                                                                                        APPLICATION NUMBER: 08/411,734
FILING DATE: APTLI 3, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09346
                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata
ADDRESSEE: 210 Lake Drive Bast, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                  PRIOR APPLICATION DATA:
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APPLICATION NUMBER: JP 6
FILING DATE: 11-AUG-1994
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                                                                                                                                                                                                   APPLICATION NUMBER: 08/889,296 FILING DATE:
                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/128,494 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                               COMPUTER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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   08/007,996
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Pred. No. 1.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Description of Artificial Sequence: US-08-640-906-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/08/640,906B
CURRENT FILING DATE: 1996-05-09
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 8
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 8, Application US/08640906B Patent No. 6140100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 31,
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Best Local Similarity
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APPLICANT: Lalouel, Jean-Marc
APPLICANT: Jeunemaitre, Xavies
APPLICANT: Lofton, Richard P.
APPLICANT: Soubrier, Florent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Blumenkopf, Todd A.
APPLICANT: Cory, Michael
TITLE OF INVENTION: Cell-Targeting Molecule Comprising a Mutant Human
TITLE OF INVENTION: Carboxypeptidase A
FILE REFERENCE: PB1500USW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (609) 779-84
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
TITLE OF INVENTED.: 58
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
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REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
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ANTI-SENSE:
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                                                                                                                                                                          TITLE OF INVENTION: Method to De
                                                                                                                                                                                                                                                                              APPLICANT:
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    Application US/09106216
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Lofton, Richard P.
                                                                                                                                                                                                                                         Corvol, Pierre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.3%; Score 13.8; llarity 88.2%; Pred. No. 1.34 Conservative 0; Mismatches
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779-8488
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                                                                                                                                                                                                           Method to Determine Predisposition to
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Pred. No. 1.3e
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US-09-100-089-8
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Patent No. 6174674
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                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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TELEPHONE: 202-783-6040
TELEPAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                            tent No.
                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                               APPLICANT: Morris, Stephan W.
APPLICANT: Look, A. Thomas
TITLE OF INVENTION: ALK Protein Tyrosine Kinase/Receptor and
TITLE OF INVENTION: Ligands Thereof
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
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MOLECULE TYPE:
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PRIOR APPLICATION NUMBER: US 07/952,545
PILING DATE: 30-SEP-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Ihnen, Jeffrey L. REGISTRATION NUMBER: 28 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: 07-OCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
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                APPLICATION NUMBER:
                                                                                                                                                                                                                        ADDRESSEE:
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                                                                                                                                    20005
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1100 New York Avenue, N.W., Suite 600
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/desc = "primer"
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Herewith
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              US/09/100,089
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Pred. No. 1.
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US-09-046-894-15/c
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Best Local Similarity

Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 15,
                                 TELEPHONE: (512) 418-30
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO:
                                                                PILING DATE: 24-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: NAKBENIMA, Richard A.
REGISTRATION NUMBER: P-42,02:
REFERENCE/DOCKET NUMBER: UROC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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APPLICATION NUMBER: US 08,
PRIOR DATE: 03-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIAN Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/046,894
FILING DATE: Concurrently Herewit
                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION NUMBER: US 60/041,576
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APPLICANT: An, Ga
APPLICANT: O'Hara
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REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 06:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202,371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 12-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fox, Samuel L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: DIAGNOSIS OF DISEASE STATE USING MRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         UMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
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O'Hara, Mark S.
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                                                                                        P-42, 025
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Pred. No. 1.
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Query Match
Best Local Similarity
Matches 15; Conserve
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Patent No. 6207383
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG -
                                                                         Sequence 93, Application US/09226012 Patent No. 6207383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5, Application US/08430225A Patent No. 6204000
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APPLICANT: Dong, Jin-Tang; Barrett,
APPLICANT: J. Carl; Lamb, Patricia W.; Isaacs, John T.
TITLE OF INVENTION: DIAGNOSTIC METHODS AND
TITLE OF INVENTION: GENE THERAPY USING REAGENTS DERIVED FROM THE
TITLE OF INVENTION: HUMAN METASTASIS SUPPRESSOR GENE KAIL
                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: RICHARD W. BORK
REGISTRATION NUMBER: 36,459
REFERENCE/DOCKET NUMBER: 20:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
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MEDIUM TYPE: FLOPPY DISK
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ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
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Local Similarity 88.2%;
hes 15; Conservative
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                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
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28-APR-1995
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Pred. No. 1
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Pred. No. 1.3e+03;
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CURRENT APPLICATION NUMBER: US/09/226,012
CURRENT FILING DATE: 1999-01-06
EARLIER APPLICATION NUMBER: 09/122,847
EARLIER FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 116
SOPTWARE: PATENTIN Ver. 2.0
SEQ ID NO 93
LENGTH: 21
TYPE: DNA
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                                                            Matches
                                                                         Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
                                                                                                                                   TOPOLOGY: 15
                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 212-278-0400
                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                            TELEPHONE: 212-278-0526
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                                                                                                                                                                STRANDEDNESS:
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OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                   TYPE:
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                         4285 CGCACACCAGACGGGCA 4301
20 CACACAACAGACGGGCA
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1185 Avenue of the Americas
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88.2%;
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Pred. No. 1.3e
0; Mismatches
                                                                         Score 13.8;
Pred. No. 1
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RESULT 1322
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; ORGANISM: Homo sapiens
US-09-158-863C-48
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SEQ ID NO 48
LENGTH: 21
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APPLICANT: Mitchell, Lloyd G.
APPLICANT: Mitchell, Lloyd G.
APPLICANT: Garcia-Blanco, Mariano A.
APPLICANT: GARCIA-BLANCO, MARIANO A.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
TITLE OF INVENTION: SPLICEOSOME MEDIATED RNA TRANS-SPLICING
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Best Local S
Matches 13
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CURRENT APPLICATION NUMBER: US/08/853,980
CURRENT FILING DATE: 1997-05-09
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 21
LENGTH: 21
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GENERAL INFORMATION:
GENERAL TOTAL CARBON, John H.
                                                                                                                                                       Matches
                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/158,863C CURRENT FILING DATE: 1998-09-23 PRIOR APPLICATION NUMBER: 09/133,717 PRIOR FILING DATE: 1998-08-13 PRIOR APPLICATION NUMBER: 09/087,233 PRIOR FILING DATE: 1998-05-28 PRIOR APPLICATION NUMBER: 08/766,354 PRIOR APPLICATION NUMBER: 08/766,354 PRIOR FILING DATE: 1996-12-13
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APPLICANT: Kwon, Sunjong
APPLICANT: Kwon, Sunjong
APPLICANT: Aigner, Kevin
APPLICANT: Avossa, Daniella
TITLE OF INVENTION: MYELIN BASIC PROTEIN MRNA TRANSPORT AND TRANSLATION
TITLE OF INVENTION: ENHANCER SEQUENCES
                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1: NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1996-
PRIOR APPLICATION NUMBER:
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                                                                                                               2912 CATCCTCATCAGCATCA 2928
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40, 6225082
                                                                           21 CATCATCATCATCA 5
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Similarity 76.5%;
13; Conservative
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                                                                                                                                                                                                                                                                                                                            FastSEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/09158863C
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                                                                                                                                                   0.3%;
ilarity 88.2%;
Conservative
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                                                                                                                                                                                                                                                                                                                              for Windows Version
                                                                                                                                                                                                                                                                                                                                                                 1995-12-07
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                                                                                                                                                                       Score 13.8; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.3e+03
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FILE REFERENCE: ISIS3350

CURRENT APPLICATION NUMBER: 1999-01-12

EARLIER APPLICATION NUMBER: 08/848,840

EARLIER APPLICATION NUMBER: 08/848,840

EARLIER APPLICATION NUMBER: 00/411,734

EARLIER FILING DATE: 1989-09-25

EARLIER FILING DATE: 1989-09-25

EARLIER FILING DATE: 1993-10-01

EARLIER APPLICATION NUMBER: 07/715,196

EARLIER APPLICATION NUMBER: 07/715,196

EARLIER APPLICATION NUMBER: 07/958,134

EARLIER FILING DATE: 1991-06-14

EARLIER FILING DATE: 1992-10-05

EARLIER APPLICATION NUMBER: 08/007,996

EARLIER APPLICATION NUMBER: 08/007,996

EARLIER APPLICATION NUMBER: 08/007,996

EARLIER APPLICATION NUMBER: 08/007,996

EARLIER APPLICATION NUMBER: 08/040,903

EARLIER APPLICATION NUMBER: 08/040,903

EARLIER FILING DATE: 1993-03-31

EARLIER APPLICATION NUMBER: 08/040,526

EARLIER APPLICATION NUMBER: 08/174,379

EARLIER APPLICATION NUMBER: 08/174,379

EARLIER APPLICATION NUMBER: 08/174,379
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SEQ ID NO 8
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial
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Patent No. 6319702
GENERAL INFORMATION:
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Best Local Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Monia, Brett P
APPLICANT: Freier, Susan M
APPLICANT: Sanghvi, Yogesh
APPLICANT: Cook, Phillip D
APPLICANT: Ecker, David J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Smith, Gary
APPLICANT: Cory, Michael
APPLICANT: Cory, Michael
APPLICANT: Blumenkopf, Todd
TITLE OF INVENTION: Nucleic Acids Encoding
FILE REFERENCE: PB1500US3
CURRENT APPLICATION NUMBER: US/09/395,936
CURRENT FILING DATE: 1999-09-14
NUMBER OF SEO ID NOS: 22
                                         EARLIER
EARLIER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric TITLE OF INVENTION: Alternating Oligonucleotides
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                                       FILING DATE: 1993-03-30
APPLICATION NUMBER: 08/395,168
                                                                                      APPLICATION NUMBER: 08/039,979
                                                                                                                                APPLICATION NUMBER: 08/300,072
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                                                                                                                                                                                    NUMBER: 08/040,933
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                                                                                                                 1994-09-02
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                        1995-02-27
07/814,961
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Pred. No. 1.3e+03;
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Sumitomo Electric Industries, LTD
ITILE OF INVENTION: WATER-SOLUBLE PEPTIDES
FILE REFERENCE: 50212-030
CURRENT APPLICATION NUMBER: US/09/308,388
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 21
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                                                                                                                                                                                                                                                                                      Sequence 25, Application US/08949344C Patent No. 6406846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local :
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Matches 15; Conserv
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LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -09-308-388-4
                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: WHITCO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EARLIER FILING DATE: 1991-12-24
EARLIER APPLICATION NUMBER: 08/244,993
EARLIER FILING DATE: 1994-06-21
EARLIER APPLICATION NUMBER: 08/468,037
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                           APPLICANT: WHITCOMB, I
TITLE OF INVENTION: A
TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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COMPUTER READABLE FORM:
MEDIUM TYPE: MACINTOSH
COMPUTER: IBM PC
                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: ANSEL M SCHWARTZ, ATSTREET: 425 NORTH CRAIG STREET,
                                                                 COUNTRY:
                                                                                                           CITY: PITTSBURGH
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                                                                                                                                                                                                              A METHOD FOR DETERMINING WHETHER A HUMAN PANCREATITIS AND PRIMERS PATIENT IS SUSCEPTIBLE TO HEREDITARY PANCREATITIS AND PRIMERS
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                2.5 INCH FLOPPY DISC
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Pred. No. 1
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Pred. No. 1.3e+03;
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                                                                                                                                           ATTORNEY
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                                                                                                                          AT LAW
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TELEFAX: (412) 621-8640 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: increased risk for pancre PUBLICATION INFORMATION:
AUTHORS: Whitcomb DC, Gorry MC, Preston RA, AUTHORS: Ulrich CD, Martin SP, Gates Jr LK, AUTHORS: UOMO G, POST JC, EHRLICH GD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: TEXT WITH LI
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: WINDOWS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: 7q35
MAP POSITION: 157 CM FROM THE TOP OF CHROMOSOME 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FRAGMENT TYPE: NA ORIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL: N
                                                                                             AUTHORS:
AUTHORS:
TITLE: M
                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Mutations in trypsinogen are associated with a OTHER INFORMATION: phenotype of recurrent acute pancreatitis, chry OTHER INFORMATION: increased risk for pancreatic cancer.
                                                                                                                                                                                                                                                                                                                                   TITLE: Hereditary F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CELL TYPE: LEUKOCY.
CELL LINE: N/A
ORGANELLE: NUCLEUS
                                                                                                                                                                             DOCUMENT NUMBER: NA
FILING DATE:
PUBLICATION DATE: 15-10-96
                                                                                                                                                                                                                                                                                                                     JOURNAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IDENTIFICATION METHOD: reaction of genomic DNA from patients with hereditary IDENTIFICATION METHOD: sequence in GenBank locus U66061.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TISSUE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE
HAPLOTYPE: N/A
                                                                                                                                                        RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                    VOLUME:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY:
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TOPOLOGY: LINEAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                          JOURNAL:
                                                                                                                                                                                                                                                                               ISSUE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
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    Gorry MC, Gabbaizedeh D, Furey W, Gates Jr LK, Pre
    Aston CE, Zhang Y, Ulrich C, Ehrlich GD, Whitcomb
    Multiple Mutations in the Cationic Trypsinogen Gene
    Associated with Hereditary Pancreatitis

                                                                                                                                                                                                                                                                                                                                                          Hereditary pancreatitis is caused by a mutation
1063-1068
                                                                                                                                                                                                                                                            141-5
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                                                          Gastroenterology
                                                                                                                                                                                                                                                                                                                     Nature Genetics
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TRYPSINOGEN GENE 1 (TRY4), TRYPSINOGEN GENE 2 (TRY8)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TEXT WITH LINE TERMINATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LEUKOCYTES
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E: GERM-LINE
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Amann ST,
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Toskes, PP, LII
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US-09-670-827-8
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Patent No. 6451997
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
             TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                      PRIOR APPLICATION NUMBER: US/09/670,827
FILING DATE: 28-Sep-2000
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATE:
APPLICATION DATE: US 08/160,861
FILING DATE: 03-DEC-1993
APPLICATION NUMBER: US 08/42,363
FILING DATE: 12-OCT-1995
APPLICATION NUMBER: US 09/100,089
FILING DATE: 19-JUN-1998
ATTORNEY/AGENT INFORMATION:
NAME: FOX, Samuel L.
REGISTRATION NUMBER: 30,353
PREFEDENCY FOORYET NUMBER: 30,353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RELEVANT RESIDUES IN SEQ.ID NO: NA AUTHORS: Rowen,L, Koop BF, Hood L.
TITLE: The complete 685-kilobase DNA sequence of the human beta TITLE: receptor locus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RELEVANT RESIDUES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DATE: 6 21 96
DOCUMENT NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             VOLUME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PUBLICATION DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DOCUMENT NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OURNAL:
                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 New York Avenue, N.W., Suite 600
                                                                                      REFERENCE/DOCKET NUMBER: 0656.0400003
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ALK Protein Tyrosine Kinase/Receptor and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2615 CCCTGTCTTTGCCACAT 2631
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        v
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Washington
                                                                        TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
LENGTH:
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S IN SEQ ID NO:
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Pred. No. 1
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; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-670-827-8
                                 APPLICANT: Cohen, Daniel
APPLICANT: Chen, Daniel
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-14-21
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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Sequence 7988, Application US/09422978
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APPLICANT: Chumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumekov, Ilya
TITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
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Patent No. 6537751
GENERAL INFORMATION:
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SEQ ID NO 7988
LENGTH: 21
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Best Local Similarity 88.2
Matches 15; Conservative
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Best Local Similarity
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Patent No. 653775
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NUMBER OF SEQ ID NOS: 11796
EQ ID NO 9663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE: Primer bind NAME/KEY: primer bind LOCATION: 1..21 OTHER INFORMATION: downstream amplification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo Sapiens
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Pred. No. 1.
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Pred. No. 1.3e+03;
0; Mismatches 2
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REPERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-104-21
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 09/298,850
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APPLICANT: Chumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumenkov, 11ya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CUS/09/422,978
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-01-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
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                                                                                                                                                                                                                                                                                           RESULT 1330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: downstream amplification primer 99-12303
US-09-422-978-10487
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                                                                                                                                                                                                                                    Sequence 10707, Application US/09422978 Patent No. 6537751
                                                                                                                                                                                                                     GENERAL INFORMATION:
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Best Local Similarity
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SEQ ID NO 10487
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: primer_bind
LOCATION: 1..21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: downstream amplification primer 99-6463 for SEQ 1798,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                   2794 AGAGTCAGGAAGGAGAA 2810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                         15;
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60/082,614
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Pred. No. 1
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Pred. No. 1.3e+03;
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; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-19348 for
US-09-422-978-10707
APPLICANT: Cohen, Daniel
APPLICANT: Glumenfeld, Marta
APPLICANT: Glumenfeld, Marta
APPLICANT: Chumenkov, Ilya
TITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET, 0200CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US,09/298,850
                                                                                                                                                                                                          US-09-422-978-11709
                                                                                                                                                                                                                           RESULT 1332
                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: downstream amplification primer 99-21687 for US-09-422-978-10880
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TITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
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US-09-422-978-10880
                                                                                                                                                                  Sequence 11709, Application US/09422978 Patent No. 6537751
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LENGTH: 21
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NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10707
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Best Local :
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LOCATION: 1..21
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Pred. No. 1
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Pred. No. 1
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CURRENT APPLICATION NUMBER: US/09/322,624
CURRENT FILING DATE: 1999-05-28
EARLIER APPLICATION NUMBER: USSN 09/087,139
EARLIER FILING DATE: 1998-05-28
NUMBER OF SEQ ID NOS: 20
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
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,US-09-463-048A-10/c
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Best Local S
Matches 15
                                    GENERAL INFORMATION:
APPLICANT: Commonwealth Scientific and Industrial Research Organisation
APPLICANT: EAST, Peter David
TITLE OF INVENTION: Toxin Genes from the Bacteria Xenorhabdus nematophilus and Photox
TITLE OF INVENTION: luminescens
FILE REFERENCE: 050179-0076
CURRENT APPLICATION NUMBER: US/09/463,048A
CURRENT FILING DATE: 2002-12-13
PRIOR APPLICATION NUMBER: PCT/AU98/00562
PRIOR APPLICATION NUMBER: PCT/AU98/00562
PRIOR APPLICATION NUMBER: PO 8088
PRIOR FILING DATE: 1998-07-17
PRIOR FILING DATE: 1997-07-17
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Patent No. 6548734
GENERAL INFORMATION:
APPLICANT: Glimcher,
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SEQ ID NO 11709
LENGTH: 21
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TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO MODULATION OF
TITLE OF INVENTION: CARTILAGE GROWTH BY MODULATION OF NEATH ACTIVITY
FILE REFERENCE: HUI-035CP
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.1
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EARLIER FILING DATE: 1998-11-23
EARLIER PELICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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Pred. No. 1
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Pred. No. 1.3e+03;
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GENERAL INFORMATION:

APPLICANT: Gualfetti, Peter

APPLICANT: Mitchinson, Colin

APPLICANT: Ropp, Traci M.

APPLICANT: Ropp, Traci M.

TITLE OF INVENTION: Mutant EGIII Cellulase, DNA Encoding

TITLE OF INVENTION: Such EGIII Compositions and Methods for

FILE REFERENCE: GC629

CURRENT APPLICATION NUMBER: US/09/632,575

CURRENT FILING DATE: 2000-08-04

NUMBER OF SEQ ID NOS: 54

SOFTWARE: FastSEQ for Windows Version 4.0

SEC ID NO 8
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Best Local Similarity
Tatches 15; Conserve
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                                                    NUMBER OF SEQ ID NOS: 85
SOFTWARE: Patentin version 3.1
SEQ ID NO 43
LENGTH: 21
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APPLICANT: McConlogue, Lisa C
APPLICANT: Games, Kate D.
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Best Local Similarity 88.2%;
Matches 15; Conservative
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                                                                                                                            APPLICANT: Messersmith, Elizabeth
APPLICANT: Bard, Frederique
TITLE OF INVENTION: SCREENING MARKERS AND METHODS FOR NEURODEGENERATIVE DISORDERS
FILE REFERENCE: 015270-009110US
CURRENT APPLICATION NUMBER: US/09/823,549
CURRENT FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: US 60/193,847
PRIOR APPLICATION NUMBER: US 60/193,847
PRIOR FILING DATE: 2000-03-30
                                                                                                                                                                                                                                                                                       APPLICANT:
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TYPE: DNA
ORGANISM: Artificial Sequence
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FEATURE:
                ORGANISM: Artificial Sequence
                                    TYPE: DNA
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                                                                                                                                                                                                                                                                                       Yednock, Theodore A.
Hua, Tan
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Pred. No. 1.3e
0; Mismatches
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Pred. No. 1.3e+03;
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OTHER INFORMATION: IL-10 forward primer

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GENERAL INFORMATION:
APPLICANT: Zoon, et al.
TITLE OF INVENTION: Interferon Alpha Hybrids
FILE REFERENCE: 4239-56957
CURRENT APPLICATION NUMBER: US/09/744,754C
CURRENT FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 06/094,407
PRIOR FILING DATE: 1998-07-28
PRIOR APPLICATION NUMBER: PCT/US99/15284
PRIOR PILING DATE: 1999-07-06
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                                                                                                       US-09-744-754C-27
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                                                                                                                                                                                           SOFTWARE: PatentIn version 3.2
SEQ ID NO 27
LENGTH: 21
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Best Local Similarity 88.2
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.2
SEQ ID NO 26
                                  Query Match
Best Local Similarity
Matches 15; Conserv
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CURRENT APPLICATION NUMBER: US/09/744,754C
CURRENT FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: US 60/094,407
PRIOR FILING DATE: 1998-07-28
PRIOR APPLICATION NUMBER: PCT/US99/15284
PRIOR FILING DATE: 1999-07-06
                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Zoon, et al.
TITLE OF INVENTION: Interferon Alpha Hybrids
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                                                                                                                  FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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 3889 CGGAAATCAACCAGCAG 3905
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88.2%;
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                                                 Score 13.8; DB 1; Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
0; Mismatches 2
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Pred. No. 1.3e+03;
                                  Mismatches
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                                                                 DB 1;
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US-09-032-438C-72/c
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US-09-827-949-8
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PRIOR APPLICATION NUMBER: US 09/670,827
PRIOR FILING DATE: 2000-09-28
PRIOR PELICATION NUMBER: US 09/100,089
PRIOR APPLICATION NUMBER: US 08/542,363
PRIOR PILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: US 08/542,363
PRIOR PILING DATE: 1995-10-12
PRIOR APPLICATION NUMBER: US 08/160,861
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SEQ ID NO 8
SOFTWARE: PatentIn version 3.2
SEQ ID NO 72
LENGTH: 21
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APPLICANT: Morris, applicant: Look, A
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Best Local Similarity
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                                                                                                                           TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify TITLE OF INVENTION: ATP-Binding Cassette Transporter FILE REFERENCE: BYLR-0065
CURRENT APPLICATION NUMBER: US/09/032,438C
CURRENT FILING DATE: 1998-02-27
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                                                                                     PRIOR APPLICATION NUMBER: US 60/039,388 PRIOR FILING DATE: 1997-02-27
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CURRENT FILING DATE: 2001-04-09
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TITLE OF INVENTION: ALK Protein Tyrosine Kinase/Receptor and Ligands Thereof
FILE REFERENCE: 0656.0400004
                                                                    NUMBER OF SEQ ID NOS:
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TYPE: DNA
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Anderson, Kent L.
Leppert, Mark
Dean, Michael
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Shroyer, No. 6713300h
                                                                                                                                                                                                                                                                                              Smallwood, Philip M.
Allikmets, Rando
                                                                                                                                                                                                                                                                              ewis, Richard A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       upski, James R.
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88.2%; Pred. No. 1
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TYPE: DNA

ORGANISM: Artificial Sequence

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APPLICANT: as represented by The Secretary of the
APPLICANT: Department of Health and Human Services
TITLE OF INVENTION: Pteridine Nucleotide Analogs
FILE REFERENCE: 015280-351100US
CURRENT APPLICATION NUMBER: US/09/786,666
CURRENT APPLICATION NUMBER: US 60/099,487
PRIOR APPLICATION NUMBER: US 60/099,487
PRIOR FILING DATE: 1998-09-08
PRIOR FILING DATE: 1998-09-08
PRIOR APPLICATION NUMBER: WO PCT/US99/20541
PRIOR APPLICATION NUMBER: WO PCT/US99/20541
PRIOR FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: HAWKINE, Mary E.
APPLICANT: Fileiderer, Wol
APPLICANT: Balis, Frank
APPLICANT: The Government
                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Hawkins, Mary E.
APPLICANT: Pfleiderer, Wol
APPLICANT: Balis, Frank
APPLICANT: The Government
                                                                                                                                                                                                                                                             Sequence 2, Applic
Patent No. 671697:
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Best Local
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Matches 15; Conserv
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TITLE OF INVENTION: Pteridine Nucleotide Analogs FILE REFERENCE: 015280-351100US CURRENT APPLICATION NUMBER: US/09/786,666 CURRENT FILING DATE: 2001-03-07 PRIOR APPLICATION NUMBER: US 60/099,487
                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: n = 4-amino-6-methyl-8-[-2-deoxy-5-0-(4,4'-dimethoxytrityl)-OTHER INFORMATION: beta-D-ribofuranosyl]-7(8H)-pteridone-3'-0-(H-beta-cyanoethylOTHER INFORMATION: N-diisopropyl)phosphoramidite (6MAP, compound 11)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: modified_base
LOCATION: (7)
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                                                                                                    The Government of the United States of America as represented by The Secretary of the Department of Health and Human Services
                                                                                                                                                                                              Pfleiderer, Wolfgang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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83.3%;
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Pred. No. 1.3e+03
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US-09-786-666-5/c
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PRIOR APPLICATION NUMBER: WO PCT/US99/20541
PRIOR FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 21
TYPE: DNA
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LENGTH: 21
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                                                                                           Query Match
Best Local
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Best Local Similarity
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FILE REFERENCE: 015280-351100US
CURRENT APPLICATION NUMBER: US/09/786,666
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US 60/099,487
PRIOR FILING DATE: 1998-09-08
PRIOR FILING DATE: 1998-09-08
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NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                              OTHER INFORMATION: n = 4-amino-6-methyl-8-[-2-deoxy-5-0-(4,4'-dimethoxytrityl)-OTHER INFORMATION: beta-D-ribofuranosyl}-7(8H)-pteridone-3'-0-(H-beta-cyanoethyl-0THER INFORMATION: N-diisopropyl)phosphoramidite (6MAP, compound 11)
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                     3185 GTGGGAAGTCACTAGCAG 3202
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                                                                                           Similarity
GTGGAAAATCNCTAGCAG
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The Government of the United States of America
as represented by The Secretary of the
Department of Health and Human Services
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Pred. No. 1.
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Pred. No. 1.3e+03
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                                                                                                 SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 21
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Best Local :
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SEQ ID NO 11
LENGTH: 21
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                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/099,487
PRIOR FILING DATE: 1998-09-08
PRIOR APPLICATION NUMBER: WO PCT/US99/20541
PRIOR FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 22
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CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US 60/099,487
PRIOR FILING DATE: 1998-09-08
PRIOR APPLICATION NUMBER: WO PCT/US99/20541
PRIOR FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 22
                                                                                                                                                                                                                                                                                                                             APPLICANT: The Government of the United States of APPLICANT: as represented by The Secretary of the APPLICANT: Department of Health and Human Services TITLE OF INVENTION: Pteridine Nucleotide Analogs FILE REFERENCE: 015280-351100US
                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/786,666
CURRENT FILING DATE: 2001-03-07
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OTHER INFORMATION: n = 4-amino-2,6-dimethyl-8-[-2-deoxy-5-0-(4,4'-dimethoxytrityl)-OTHER INFORMATION: beta-D-ribofuranosyl]-7(8H)-pteridone-3'-0-(H-beta-cyanoethyl OTHER INFORMATION: N-diisopropyl)phosphoramidite (DMAP, compound 12)
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:oligonuclectide
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                                                              GENERAL INFORMATION:
                                                                               Sequence 113, Application US/09657472 Patent No. 6727063
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APPLICANT: Hawkins, Mary
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CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US 60/099,487
PRIOR FILING DATE: 1998-09-08
PRIOR APPLICATION NUMBER: WO PCT/US99/20541
PRIOR FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 22
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APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S
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Pred. No. 1
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Pred. No. 1
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Stacey

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RESULT 1349
US-09-657-472-301/c
US-09-657-472-301/c
; Sequence 301, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
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; ORGANISM: Homo sapiens
US-09-657-472-113
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PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR FILING DATE: 2000-09-16
PRIOR FILING DATE: 2000-08-16
PRIOR FILING DATE: 2000-08-16
PRIOR FILING DATE: 2000-08-16
PRIOR FILING DATE: 2000-08-16
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Lander, Eric S. APPLICANT: Cargill, Michele
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APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS
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CURRENT FILING DATE: 2000-09-07
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TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS:
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78.9%;
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Pred. No. 1.3e+03;
1; Mismatches 3
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Pred. No. 1.3e+03
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PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 693
LENGTH: 21
TYPE: DNA
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US-09-657-472-693
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SEQ ID NO 301
LENGTH: 21
TYPE: DNA
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Best Local Similarity
Matches 15; Conserv
                                                                                              Query Match
Best Local
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Patent No. 6727063
                                                                             Matches
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APPLICANT:
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TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR PRIOR DATE: 2000-08-16
PRIOR FILING DATE: 2000-08-16
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
APPLICANT: MCCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
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                                                                   0.3%;
Local Similarity 78.9%;
tes 15; Conservation
                             1841 TGACATTTACGTGATCGGC 1859
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N
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TGACATCTAYGTGCTAGGC
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20
                                                                                              Score 13.8;
Pred. No. 1
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RESULT 1351 US-09-657-472-1011 ; Sequence 1011, Application US/09657472 ; Patent No. 6727063

ENERAL INFORMATION:

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                                                                                                                                       ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1160
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; ORGANISM: Homo sapiens
US-09-657-472-1011
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SEQ ID NO 1160
LENGTH: 21
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1011
                                                                                                    Query Match
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                                                                     Matches
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PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                09-657-472-1160
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CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Daley, George Q.
APPLICANT: McCCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
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PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
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APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
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nes 15; Conserv
                                                                   Local Similarity 78.9
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                                2420 AATCACGTTTGCCCCAACC 2438
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Ireland, James S.
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78.9%;
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                                                                                   0.3%;
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21
                                                                 Score 13.8; DB 1
Pred. No. 1.3e+03
1; Mismatches
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Pred. No. 1
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RESULT 1353

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CAAGAAGATMCTGCTGCCC 20

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                                                                                                            ; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1526
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                                                         Query Match
Best Local Similarity
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LENGTH: 21
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                                         Matches
                                                                                                                                                                                           SEQ ID NO 1526
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APPLICANT:
APPLICANT:
                                                                                                                                                                                         PRIOR FILING WOLLD NUMBER OF SEQ ID NOS: 2551

NUMBER OF SEQ FOR Windows Version 4.0
                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR TILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: U2/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
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PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 2551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLECTIDE POLYMORPHISMS IN GENES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lander, Eric S.
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 1532 CAAGAAAATCCTGCAGCTC 1550
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il Similarity 78.9%;
15; Conservative
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Ireland, James S
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                                       Conservative
                                                         0.3%;
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                                                       Score 13.8;
Pred. No. 1.
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Pred. No. 1
                                         Mismatches
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                                                           .3e+03
                                                                              DB 1;
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                                                                          Length 21;
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APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCartchy, Jeanette J.
APPLICANT: MCCArtchy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-08-16
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2145
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US-09-657-472-2145
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; ORGANISM: Homo sapiens
US-09-657-472-1858
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                                                                                                                                                   PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows Version 4.
SEQ ID NO 2145
LENGTH: 21
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SOFTWARE: FABESEQ for Windows Version 4.0
SEQ ID NO 1858
    Query Match
Best Local Similarity
Matches 15; Conserv
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-09-10
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
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      Conservative
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                      0.3%;
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t; Pred. No. 1.3e-
1; Mismatches
Score 13.8; DB 1;
Pred. No. 1.3e+03;
1; Mismatches 3
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                                          DB 1; Length 21;
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    Indels
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TOPOLOGY: Illnear ; SEQUENCE DESCRIPTION: SEQ ID NO: US-09-795-380-5
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US-09-575-554-5
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US-09-795-380-5/c
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                                                                                                     Sequence 5, Application US/09575554
Patent No. 6784290
GENERAL INFORMATION:
APPLICANT: Monia, B.P., Cowsert, L.M. and Manoharan, M.
TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras
NUMBER OF SEQUENCES: 55
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TELEX: 421792
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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APPLICATION NUMBER: US/09/795,380
FILING DATE: 27-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/232,507
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: RICHARD W. BORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 36,459
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION IMPORMATION:
TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
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J. Carl; Lamb, Patricla W.; Isaacs, John T.
TITLE OF INVENTION: DIAGNOSTIC METHODS AND
GENE THERAPY USING REAGENTS DERIVED FROM
HUMAN METASTASIS SUPPRESSOR GENE KAI1
                                                                                                                                                                                                                                                                                                                                                          4541 CCTAAAACACGTGCCCA 4557
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ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
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                                                                                   CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: MICROSOFT WORD 97
                                      ADDRESSEE: Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (212) 758-480
TELEFAX: (212) 751-6849
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STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 345 PARK AVENUE
                    CITY: Marlton
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APPLICANT: No. 6787573tet, Johannes S.L.
TITLE OF INVENTION: Antiviral Therapy
FILE REFERENCE: 5284US
CURRENT APPLICATION NUMBER: US/10/099,542
CURRENT FILING DATE: 2002-03-14
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 21
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                                                                                                          ; FEATURE:
; OTHER INFORMATION: Primer: antisense R/U5 primer
US-10-099-542-8
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Patent No. 6787573
GENERAL INFORMATION:
                                 Best Local Similarity Matches 15; Conserv
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                                                                     Query Match
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                    TYPE: DNA
                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
nes 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/128,494
FILING DATE: August 3, 1998
APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
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APPLICATION NUMBER: US/09/575,554
FILING DATE: 22-May-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: DISKE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE: Yes SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: ISPH-0463
TELECOMMUNICATION INFORMATION:
TELEPHONE: (856) 810-1515
4285 CGCACACCAGACGGGCA 4301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GCCCACACCGACGGCGC 17
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COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOPTWARE: WORDPERFECT 6.1 for WINDOWS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: Nucleic Acid
STRANDEDNESS: Single
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REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: October 1, 1993
APPLICATION NUMBER: 07/958,134
FILING DATE: October 5, 1992
APPLICATION NUMBER: 08/007,996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 21
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                                  Conservative
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                                 0; Mismatches
                                                    Score 13.8; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.
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                                                  1.3e+03
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                                 Gaps
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PCT-US93-09232-12/c
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LENGTH: 21
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Patent No. 6787573
GENERAL INFORMATION:
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Matches 15; Conserv
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TITLE OF INVENTION: Antiviral Therapy
FILE REFERENCE: 5284US
CURRENT APPLICATION NUMBER: US/10/099,542
CURRENT FILING DATE: 2002-03-14
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
                          TELEX: 224 401 UPJOH
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" diskette (DS,

COMPUTER: IEM PC compatible WIN

OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: The Upjohn
APPLICANT: Company
TITLE OF INVENTION: Somatotropin Modifications
NUMBER OF SEQUENCES: 16
                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 616 385 5210
TELEPAX: 616 385 6897
                                                                                                                                                                                                                                                      CLASSIFICATION: PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Corporate Intellectual Property Law
                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                            NAME: James D. Darnley, Jr
REGISTRATION NUMBER: 33673
REFERENCE/DOCKET NUMBER: 4
                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE:
                                                                                                                                                                                                                                         FILING DATE:
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STRANDEDNESS:
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Pred. No. 1.3e+03;
0; Mismatches 2
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RESULT 1363
US-08-107-411-5
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Sequence 5, Application US/08107411 Patent No. 5340726
                                                                                                                                         Best Local Similarity Matches 16; Conserv
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Matches 15; Conservative
                                                                                                                                                                     Query Match
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APPLICANT: Fujio
APPLICANT: Yuji H
                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                        NAME: Warren M. Cheek, Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FORDY DC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/241,465B
FILING DATE: May 11, 1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
APPLICANT:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: HUMAN CHONDROMODULIN-I PROTEIN NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                     ENGTH:
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805 Fifteenth Street, N.W., #700
                                                                                                                                           Conservative
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Ei YAMADA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Atsuko KOHARA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Jun KONDO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Junko SUZUKI
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Pred. No. 1
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Pred. No. 1.
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Query Match
Best Local Similarity
Thes 16; Conserva
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                                                                                                                                                                                                                                                            Sequence 10, Application US/08136811
Patent NO. 5510239
GENERAL INFORMATION:
APPLICANT: Baracchini, Jr., Edga
APPLICANT: Clarence Frank
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/107,411
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/844,303
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US/07/844,303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (908) 594-4958
TELEPAX: (908) 594-4720
TELEX: () 138825
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic scid
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.:
COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: PAIT, RICHARD S.
REGISTRATION NUMBER: 32,586
REFERENCE/DOCKET NUMBER: 18
TELECOMMUNICATION INFORMATION:
                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
                                                                                                                                                                                                                               TITLE OF INVENTION:
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MEDIUM TYPE: Floppy
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                       STATE: N
                                                                                                                                             CITY:
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                                                                                          08002
                                                                                                                                            Cherry Hill
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P>O> Box 2000
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Connolly, Thom
Keller, Paul
                                                                                                                                                                                                                                                                  Baracchini, Jr., Edgardo
Clarence Frank
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Pred. No. 1.3e+03;
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                                                        1.44 Mb STORAGE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (609) 779-8488
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
                                                                                                                                                                                                                              CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonuclectide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suie 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
                                                                                                                                                 APPLICATION NUMBER: PCT/US FILING DATE: July 23, 1991 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                  APPLICATION NUMBER: 567,286 FILING DATE: August 14, 1990 PRIOR APPLICATION DATA:
                                                                                                                                                                                                  FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
                                                                      APPLICATION NUMBER: FILING DATE:
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 ISPH-0002
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Pred. No. 1.3e+03;
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                                                                                                                      US-07-872-678A-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.3%;
Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                        Query Match
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Coughlin, Daniel F
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                          REGISTRATIÓN NUMBER: 36,111
REFERENCE/DOCKET NUMBER: ARTELECOMMUNICATION INFORMATION:
TELEPHONE: 713-787-1400
                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Bell, GI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                     MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: NON-INSULIN-DEPENDENT DIABETES MELLITUS
                                                                      Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: N
                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/07/872,678A FILING DATE: 22-APRIL-1992 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: Post (
                                                                                                                                                  STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                        TELEPHONE: 713-787-14
TELEFAX: 713-789-2679
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                                                                                                                                                                                             LENGTH:
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                           1417 TGAAGGCAGAGTCTCTGGGG 1436
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                                                                                                                                                                              H: 20 base pairs
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                                                                      Similarity
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TGAAGGCAGAGTTCCTCTGG 20
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                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Yes
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                                                                                                                                   DNA (genomic)
                                                                                                                                                                single
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N: DETECTION OF EARLY-ONSET
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                                                                      0.3%; Score 13.6;
80.0%; Pred. No. 1
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Pred. No. 1
                                                           Mismatches
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                                                                                      Length 20;
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                                                                                                  Sequence 173, Application US/07977284A Patent No. 5558988 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 5552283
GENERAL INFORMATION:
APPLICANT: Diaman
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                  APPLICANT:
APPLICANT:
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ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
nos 5.0
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PRIOR APPLICATION UNHBER: 08/271,946
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutations
NUMBER OF SEQUENCES: 41
                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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REFERENCE/DOCKET NUMBER: VGI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA: APPLICATION NUMBER: US
 APPLICANT:
                                   APPLICANT:
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                   APPLICANT:
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STRANDEDNESS: &...
TYPE: ...
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
                                                                                                                                                                                                                                                            1195 CATCCCTGGAGTCTCTGCAG 1214
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16; Conserv
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            Prockop, Darwin J.
Ala-Kokko, Leena
Williams, Charlene J
Ritvaniemi, Pertti
Baldwin, Clinton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (914) 962-4330
Hopkinson, Ian
                                                                                                                                                                                                                                                                                            Conservative
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ER: VGEN.P-003-US
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Pred. No. 1
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Matches
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APPLICANT:
APPLICANT:
APPLICANT:
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               COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242,664
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TOPOLOGY: LIN
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                       APPLICANT: Ren, Wu-Yun
APPLICANT: Weil, Roger
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/07/
FILING DATE: 13-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: METHODS OF DETE
TITLE OF INVENTION: PREDISPOSITION
NUMBER OF SEQUENCES: 261
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION: NAME: DeLuca, Mark
                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                                                ZIP: 10112
                                                                                                                                                                                   CITY: New York STATE: New Yorl
                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local
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STRANDEDNESS: SINGLE
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16; Conservative
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                                                                                                                                                                                   New York
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30 Rockefeller Plaza
                                                                                                                                                                                                                                                                                                                                                    Watanabe, Kyoichi A.
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May 12, 1994
                   US/08/242,664
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Pred. No. 1.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                      TELEPHONE: (609) 779-2
TELEFAX: (609) 779-848
NFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US91/05742
FILING DATE: August 13, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/567,287
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cowsert, Lex M
APPLICANT: Ecker, David J
TITLE OF INVENTION: Inhibition of Influenza Viruses
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 44
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDDERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,
MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                         REFERENCE/DOCKET NUMBER: ISIS-0382 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 514
PRIOR APPLICATION DATA:
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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STRANDEDNESS: dou
Torotogy: linear
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Local Similarity 80.0%;
nes 16; Conservative
                                                                                                                                                                                                              NAME: Licata, Jane Massey REGISTRATION NUMBER: 32,2
                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: Septem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
                                                 STRANDEDNESS:
                                                                   TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                      TOPOLOGY:
                                                                                     LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2802 GAAGGAGAAATGAAGAAGG 2821
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                                                                                     20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: Jane Massey Licata, Esq. 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                                      linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        212-977-9550
     ĕ
                                                                                                                                                                                                                                                                                                                                                                                       NUMBER: US/07/955,718
September 22, 1992
                    Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                double
                                                    single
                                                                                                                                        779-8488
                                                                                                                                                         779-2400
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                                                                                                                                                                                                          32,257
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Pred. No. 1.3e+03;
0; Mismatches 4;
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                                                             Matches
                                                                                         Query Match
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Best Local Similarity
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APPLICANT: Bennet
                                                                                                                                                                                                                                  TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                  PILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/COMMER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonuclecti
TITLE OF INVENTION: of Cell Adher
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                        PILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
PAPLICATION NUMBER: PCT/US91/05
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 19930121
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: One L.
                                                                            Local
                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                LENGTH:
                                                                                                                                                                                                                                                                TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5591623ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4141 CTCTCCCGGGACCTCCTGCT 4160
                   3161 CACCAGCCACGACCCCATGA 3180
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20 CACAAGCCACGCCTCCCTGA 1
                                                             16;
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                                                                       Similarity 80.0%;
                                                                                                                                                                                    Nucleic Acid
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                                                             Conservative
                                                                                                                                        Yes
                                                                                                                                                       Linear
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                                                                                                                                                                    Single
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80.0%; Pred. No. 1.3e+03
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                                                                           Score 13.6;
Pred. No. 1.
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                                                             Mismatches
                                                                            1.3e+03;
                                                                                        DB 1; Length 20;
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                                                             Gaps
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RESULT 1372 US-08-484-138-36

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                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/08317450B Patent No. 5660982
GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/484,138
FILING DATE: June 7, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-Z/JPN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
TELEPAX: 212-644-0525
INFORMATION FOR SEQ ID NO: 36:
                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: 1BM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Complementary DNA and Toxins NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                          TITLE OF INVENTION: Laminin Chains: Diagnostic and TITLE OF INVENTION: Therapeutic Use NUMBER OF SEQUENCES: 19
                                                                                                                                                                                                                                                                                                                 APPLICANT: Tryggvason, Karl
APPLICANT: Kallunki, Pekka
APPLICANT: Pyke, Charles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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APPLICANT: Weil, Roger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Watanabe, Kyoichi A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 1185 AVer
CITY: New York
STATE: New York
COUNTRY: U.S.A.
SOFTWARE: Patentin Ker
JRRENT APPLICATION DATA:
                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
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                                                                                                                           60606
                                                                                                                                                                                Chicago
                                                                                                                                                              Illinois
                                                                                                                                                                                                E: BANNER & ALLEGRETTI, LTD.
Ten South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  B: Cooper & Dunham LLP
1185 Avenue of the Americas
                                                                                                                                           USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.3%;
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Pred. No. 1.
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US-08-437-027-12
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                                                            ; MOLECULE TYPE: DNA (genomic) US-08-437-027-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-317-450B-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.3%; Score 13.6; DB 1
Best Local Similarity 80.0%; Pred. No. 1.3e+03
Matches 16; Conservative 0; Mismatches
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:

APPLICANT: Landanyi, Marc

APPLICANT: Gerald, William

TITLE OF INVENTION: A DIAGNOSTIC TEST FOR TEST FOR THE DESMOPLASTIC

TITLE OF INVENTION: SMALL ROUND CELL TUMOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                   TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 12:
                                                                                                                                                                                                                                            CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4641
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-778-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "OLIGOMER PRIMER"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 37,293
REFERENCE/DOCKET NUMBER: 94
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              UMBER OF SEQUENCES:
                                                                                                                      LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Chao, Mark
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1185 Avenue of the Americas
                                                                                                         linear
  0.3%;
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                                                                                                                                                                                                                                                                                              46416/JPW/CCA
  Score 13.6; DB 1;
Pred. No. 1.3e+03;
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                     Length 20;
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                                                                                                                                              US-08-487-141B-65
                                                                                                                                                                   RESULT 1376
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US-08-476-634-12
                                                                                                                                                                                                                                                                                                                                               JS-08-476-634-12
                                          Sequence 65, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonuc
TITLE OF INVENTION: Targeting the Human
                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Becherer, Kathleen Ann APPLICANT: Dattagupta, Nanibhushan APPLICANT: Naidu, Yathi M.
TITLE OF INVENTION: OLIGONUCLEOTIDE TITLE OF INVENTION: CYTOKINE SIGNAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 619-535-2807
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 07 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 619-546-7929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                    2776 GCTTGGAGAGTTTTGTCAAG 2795
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                                                                                                                                                                                                                GCTCGAAGTGTTTTGTGAAG 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
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                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               07-JUN-1995
                                                                                                                                                                                                                                                                                               0.3%;
Dorfman, Herrell and Skillman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CYTOKINE SIGNAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OLIGONUCLEOTIDES SPECIFIC FOR CYTOKINE SIGNAL TRANSDUCER 9P130 mRNA AS INHIBITORS OF DISEAS!
                                              Therapeutic Oligonucleotides Targeting the Human MDR1 and
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                                                                                                                                                                                                                                                                                               Score 13.6;
Pred. No. 1
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                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                .3e+03;
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                                                                                                                                                                                                                                                                                                           Length 20;
                                                 MRP Genes
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                                                                                                                                                                                                                                                                                                                                                             Patent No. 5683987
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                             Sequence 70, Application US/08487141B Patent No. 5683987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (215)563-404.
INFORMATION FOR SEQ ID NO:
CLASIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/379,180
                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE NU
HYPOTHETICAL: NU
TENSE: YES
                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
CITY: P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (215)563-4044
                                                      APPLICATION NUMBER: US/08/487,141B FILING DATE: 07-JUN-1995
                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                      STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: 07-JU
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SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                     ZIP: 19103-2307
                                                                                                                                                                                                                                                  STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ENGTH:
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                                                                                                                                                                                                                                   Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
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                                                                                                                                                                                                                                                E: Dann, Dorfman, I
1601 Market Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1601 Market Street Suite 720
                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                 Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        not relevant:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (215) 563-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                 Larry J.
                                                                                                                                                                                                                                                                                                                Targeting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.3%;
                                                                                                                                                                                                                                                                                                                Therapeutic Oligonucleotides Targeting the Human MDR1 and
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                                                                                                                                                                                                                                                  Herrell and Skillman t Suite 720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 13.6;
Pred. No. 1.
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REGISTRATION NUMBER:

27,643

63082C

Hagan, Patrick J.

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MOLECULE TYPE: I
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-487-141B-70
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   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 71, Application US/08487141B Patent No. 5683987
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION: APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (215)5
INFORMATION FOR SEQ
                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/
FILING DATE: 12-UUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: 15-5-1
                                                                                                                                                                                          TELEFAX: (215)563-4044 (NFORMATION FOR SEQ ID NO: 71:
                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 19103-3307

ZIP: 19103-3307

COMPUTER READABLE FORM:

COMPUTER: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
                                                  MOLECULE NUMBER YES
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                                                                                    MOLECULE TYPE:
                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                     NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)663-4100
TELEPHONE: (215)663-4100
                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 07-JUN-19:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Therapeutic Oligonuclectides
TITLE OF INVENTION: Targeting the Human MDR1 and
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
                                                                                                  STRANDEDNESS: single TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 1601 Market
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
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                                                                                                                                      nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         B: Dann, Dorfman, Herrell
1601 Market Street Suite
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OR SEQ ID NO: 70:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               not relevant
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                                                                                     DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Larry J.
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                                                                                                                                                                                                                                                                                                                                                  US 08/379,180
   0.3%; Score 13.6;
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                                                                                                                                                                                                                                                                63082C
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Pred. No. 1.
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720
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   DB
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   <u>ب</u>
Length 20;
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Best Local Similarity
Watches 16; Conserve
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US-08-356-287-11/c
                                                                                                                                          US-08-376-362A-1/c
                                                                                                                                                            RESULT 1380
                                                                                                       Sequence 1, Application US/08376362A Patent No. 5693756
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: Macintosh
OPERATING SYSTEM: System 7.0.1.
SOFTWARE: Microsoft Word 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,20
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/891,5.
FILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul D. Yasger 7.2.77
                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 37,477
REFERENCE/DOCKET NUMBER: 51
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-2341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ronald L. Marshall
APPLICANT: John J. Carrino
APPLICANT: John J. Carrino
APPLICANT: Joann Sustachek
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES USING
TITLE OF INVENTION: THE LIGASE CHAIN REACTION
                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
   TITLE OF INVENTION:
PPLICANT: Li, Xiao-Jiang
PPLICANT: Blackshaw, Soth
PPLICANT: Snyder, Solomon H.
PPLICANT: STYDER, SOLOMON H.
ITLE OF INVENTION: AMILORIDE-SENSITIVE SODIUM CHANNEL AND
ITLE OF INVENTION: MEHTOD OF IDENTIFYING SUBSTANCES WHICH STIMULATE OR BLOCK
                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: SID
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                                                                                                                                                                                                                                               1226 CCAGCAGCTCTCCCCGGGCC 1245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3714 GATCGCGGCGAGGGGCCCGG 3733
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                                                                                                                                                                                                                                                                                                                                                                                                                        nucleic acid
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                                                                                                                                                                                                                ccascasccrscccassscc 1
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Pred. No. 1.3e
0; Mismatches
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0; Mismatches 4
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19
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JS-08-376-362A-1
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APPLICANT: CROS, 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 202-508-9299 INFORMATION FOR SEQ ID NO:
                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Kagan A., Sarah
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 01107.48125
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 508-9100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATING SYSTEM: PC-DOS/MS-DOS
COPETANDE: PST-TIP PD-1620 #1 DOS
                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                    STREET: 11VC
                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/376,362A FILING DATE: 23-JAN-1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 1001 G St
CITY: Washington
                                                                                                                                      COUNTRY: US
ZIP: 20005
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
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     APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2304 GCAGAAACCATCATCCAAAA 2323
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il Similarity 80.0%;
16; Conservation
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                                                                                                                                                                                                     1100 NEW YORK AVENUE, N.W.
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                                                                                                                                                      USA
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                                                                                                                                                                                                                       CUSHMAN,
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                                                                                                                                                                                                                                                                                                                                                                                           PHILIPPE
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                                                                                                                                                                                                                                                                       PROCEDURE FOR DETECTION OF A NUCLEOTIDE SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION TECHNIQUE
                                                                                                                                                                                                                                                        113
                                                                                                                                                                                                                                                                                                                                                                             PATRICE
                   us/08/255,892
                                                                                                                                                                                                                       DARBY & CUSHMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
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US-08-310-429A-4
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 Matches
                 Best Local
                                   Query Match
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ZIP: 02173
                                                                                                      STRANDEDNESS:
                                                                                                                      TYPE:
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                                                                                    TOPOLOGY:
                                                                                                                                  LENGTH:
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Similarity 80.(
16; Conservative
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Sequence 4, Application US/08310429A Patent No. 5695935
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APPLICANT: Page, I
APPLICANT: Reijo,
                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WHI9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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"FILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA RELEASE #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/310,429A
FILING DATE: 22-SEP-1994
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: DAZ: A GENE ASSOCIATED WITH AZOOSPERMIA NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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Local Similarity 80.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 202-861-30
TELEFAX: 202-822-0944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C STREET: Two Militia Drive
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                                                                                                                  H: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Massachusetts
                                                                                                                                                                                               (617) 861-9540
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                                                                                 linear
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0.3%; Score 13.6; DB 1; Length 20; 80.0%; Pred. No. 1.3e+03;
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Pred. No. 1.
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Mismatches

Indels

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RESULT 1384
US-08-171-718-90
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US-08-310-429A-9/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 3, 227
REFERENCE/DOCKET NUMBER: 4194-07
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEPAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                        Sequence 90, Appra-
No. 5707863
                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Page, David C.
APPLICANT: Reijo, Renee
TITLE OF INVENTION: DAZ: A GENE ASSOCIATED WITH AZOOSPERMIA
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                APPLICANT:
APPLICANT:
APPLICANT:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Relean
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/01
FILING DATE: 22-SEP-1994
CLASSIFICATION: 435
                                                                                                            NUMBER OF SEQUENCES: 1
                                                                                                                                              APPLICANT: Gusella, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin
TITLE OF INVENTION: Thereof
COMPUTER READABLE FORM:
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STREET: Lexington
CTTY: Lexington
                                                 STATE:
                                                             CITY: Washington
                                COUNTRY:
                                                                                 STREET:
                                                                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                   762 GAGTTTTACAAGAAGGAAAA 781
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                 20005-3934
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                                               D.C
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                                                                            E: Sterne, Kessler, Goldstein & Fox
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20 base pairs
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Two Militia Drive
                                                                                                                                                                                                Trofatter, James A. MacCollin, Mia M.
                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           double
                                                                                                                                                                                                                                                                                                                                                                                                                           0.3%;
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Pred. No. 1.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
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                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/588,821
FILING DATE: 19-CAN-1996
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
PRESENDANCE/POCKET NUMBER: 07265/079001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 38, Application US/08588821 Patent No. 5712097
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INFORMATION FOR SEQ ID NO:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/171,718
APPLICATION NUMBER: US/08/171,718
             REFERENCE/DOCKET NUMBER: 07
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Kern, Scott E.
APPLICANT: Hahn, Stephan A.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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REFERENCE/DOCKET NUMBER: 0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 01
FILING DATE: 04-MAR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 19-AUG-
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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NAME: Brown, Anne
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                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ELECOMME: (202)
                                                                                                                                                                                                                                                                                    COUNTRY: UZIP: 92037
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TYPE: nucleic acid
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FILING DATE: 19-AUG-1993
                                                                                                                                                                                                                                                                                                                     CITY: La Jolla
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Match 0.3%;
Local Similarity 80.0%;
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REGISTRATION NUMBER:
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4225 Executive Square, Suite 1400
                                                                                                                                                                                                                                                                                                      USA
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619/678-5070
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04-MAR-1993
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Pred. No. 1.3e+03;
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RESULT 1387
US-08-484-518-12
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           Sequence 12, Application US/08484518 Patent No. 5747470 GENERAL INFORMATION:
                                                                                                                                                                                       Matches
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COMPUTER: IBM PC compatible
OBERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/605,089
FILING DATE: 06-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JPA-6-154571
ETITING DATE: 06-MILION DATA:
APPLICATION NUMBER: JPA-6-154571
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 BASES
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MEDIUM TYPE: Floppy
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STREET: ZIC.
CITY: Washington
CTATE: DC
TTATE: DC
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TITLE OF INVENTION: HUI
NUMBER OF SEQUENCES: 4:
CORRESPONDENCE ADDRESS:
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APPLICANT:
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APPLICANT: Kiyonori KATSURAGI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Moritoshi KINOSHITA
APPLICANT: Sadahito SHIN
                                                                                                                                                                                                        Local
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TOPOLOGY: LII
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ZIP: 20037
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CTREET: 2100 Pennsylvania
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16; Conserv
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Becherer, Kathleen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     METHOD FOR DETECTING POLYMORPHISM
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Pred. No. 1.3e+03;
0; Mismatches 4
                                                                                                                                                                                                      Score 13.6; DB 1;
Pred. No. 1.3e+03;
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Avenue, N.W.
                                                                                                                                                                                       Mismatches
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                                                                                                                                                                                       Indels
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RESULT 1388
US-08-550-715-7/c
Sequence 7, Application US/08550715
"--ant No. 5750345
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Best Local Similarity 80.0%;
Matches 16; Conservative
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                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
                                                                                                                                                                                                                                                                    APPLICANT: Bowie, I
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gen-Probe Incorporated
ADDRESSEE: 9880 Campus Point Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Dattagupta, Nanibhushan
APPLICANT: Naidu, Yathi M
TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
TITLE OF INVENTION: PROLIFERATION USING ANTISENSE OLIGONUCLEOTIDES TO gp130 mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: CB. TELECOMMUNICATION INFORMATION: TELEPHONE: 619-535-2807
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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MEDIUM TYPE: Diskett
                SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                           STATE:
                                                                                                                         ZIP: 60606-6402
                                                                                                                                                                            STREET: 6300 :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Fisher, Carlos A. REGISTRATION NUMBER: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/0 FILING DATE: 07-JUN-1995
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
APPLICATION NUMBER:
                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COPOLOGY:
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: United States of America
                                                                                                                                                                                               6300 Sears Tower,
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V: Human '-Thalassemia Mutations as
V: Blood-Related Disorders
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Tower, 233
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US/08/550,715
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Pred. No. 1
                                                                                                                                                                                               Gerstein, Murray &
South Wacker Drive
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RESULT 1389
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TOPOLOGY: linear

MOLECULE TYPE: DNA

US-08-550-715-7
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Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION UNMBER: 30,492
REFERENCE/DOCKET NUMBER: 3450
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-831-2100
TELEPHONE: 608-831-2100
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APPLICANT: Agoulnik, Alexander I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                    TELEPAX: 608-831-2106
INPORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,556
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: MALE INFERTILITY Y-DEI
TITLE OF INVENTION: BATTERY
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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LENGTH: 20 base pairs
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TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kent First, Marijo
APPLICANT: Muallem, Ariege
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION: NAME: Gass, David A.
                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   / Match 0.3%;
Local Similarity 80.0%;
nes 16; Conservative
                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 53717-1914
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3583 FGAGTTCCTTCCCTAAGCCT 3602
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20 TGATGTCCTTCCCGCAGCCT 1
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   Conservative
                                                                                                                 linear
                                                                                           DNA (genomic)
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Score 13.6; DB 1; Length 20; Pred. No. 1.3e+03; O; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                   34506.034CIP
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Pred. No. 1.3e+03;
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Gaps
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US-08-943-834-12
                                                                                                                                                                 US-08-647-584-137
                                                                                                                                                                                   RESULT 1391
                              Sequence 137, Application US/08647584
Patent No. 5786144
GENERAL INFORMATION:
APPLICANT: De Salle, Rob
APPLICANT: Birstein, Vadim J.
APPLICANT: Birstein, Vadim J.
TITLE OF INVENTION: IDENTIFICATION OF SPECIES OF
                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                  Matches
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASKSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/943,8
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: OLIGONUCLEOTIDES SPECIFIC FOR TITLE OF INVENTION: CYTOKINE SIGNAL TRANSDUCER 9D130 MRNA AS INHIBITORS TITLE OF INVENTION: DISEASE-ASSOCIATED CELLULAR PROLIFERATION NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                 NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                              Local Similarity 80.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 619-546-7929
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                                                                                                                                                                                                                                                                          2776 GCTTGGAGAGTTTTGTCAAG 2795
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Naidu, Yathi M.
                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                             linear
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                   145
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                                    ORIGIN OF CAVIAR
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                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOPTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/835,770
FILING DATE: Herewith
CLASSIFICATION 514
PRIOR APPLICATION BATA:
APPLICATION NUMBER: 08/136,811
PRIOR APPLICATION UNMBER: 08/136,811
PILING DATE: 10/18/93
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (415) 854-3713
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/628,731
PTILING DATE: 04/16/96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BATAN, Alexandra J.
REGISTRATION NUMBER: 39,101
REFERENCE/DOCKET NUMBER: 14503.4010
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 926-6200
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Edgardo Baracchini, Jr., C. Frank Bennett
APPLICANT: and Nicholas M. Dean
TITLE OF INVENTION: Oligopucleotide Modulation of Multidrug
TITLE OF INVENTION: Resistance-Associated Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
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STRANDEDNESS:
                                                                                                                                                                                                                                                                                              COUNTRY: U
ZIP: 08002
                                                                                                                                                                                                                                                                                                                                                STREET: 210 Lake CITY: Cherry Hill
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les 16; Conserv
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T: 2882 Sand Hill Road, Suite 280
Menlo Park
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                                                                                                                                                                                                                                                                                                                                                                    E: Law Offices of Jane Massey Licata
210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                USA
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Pred. No. 1.3e+03;
0; Mismatches 4;
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Sequence 10, Apr-
Sequence 10, Apr-
                               Query Match
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Best Local S
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                                                                                                                                                                                                                                                                                                                                 TELEFAX: (609) 779-8488 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 20
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/628,731
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MEDIUM TYPE: DISKETT
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CORRESPONDENCE ADDRESS:
ADDRESSES: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                        ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANTI-SENSE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Baracchini, Jr., Edgardo
APPLICANT: Clarence Frank
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TYPE: 1
                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                   TYPE: Nucleic Acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PS/
OPERATING SYSTEM:
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                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3718 ссессей в западать в западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать западать запа
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Similarity 80.0%;
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0.3%; Score 13.6; DB 1; 80.0%; Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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                                  Length 20;
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Best Local Similarity Matches 16; Conserv

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FILING DATE: 18-SEP-1996
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: FARTE11, Kevin M.
REGISTRATION NUMBER: 35,505
REFERENCE/DOCKET NUMBER: JL-9601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (207) 363-0558
TELEPHONE: (207) 363-0558
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                  Sequence 38, Application US/08915214
Patent No. 5814457
                                                                                                                                                                                                                                                                                                                                                                                          Matches
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Best Local S
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APPLICANT: Frankel
APPLICANT: Cox, Gr
APPLICANT: Lutz, C
                                                                   GENERAL INFORMATION:

APPLICANT: KETI, SCOLL E.

APPLICANT: Hahn, Stephan A.

TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE,

NUMBER OF SEQUENCES: 91

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cox, Gregory A.
APPLICANT: Lutz, Cathleen M.
APPLICANT: No. 5811244bels, Jeffrey L.
TITLE OF INVENTION: CLINICAL DISORDERS ASSOCIATED WITH NHE1
TITLE OF INVENTION: MUTATION
       ADDREST:
STREET:
La Jo.
CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (genomic)
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CORRESPONDENCE ADDRESS:
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CITY: York Harbor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
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COUNTRY:
                                                                                                                                                                                                                                                                                                                                                    4216 GCTTCTGTGTGGCCCACAGA 4235
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                                                   4225 Executive Square, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Kevin M. Farrell, P.C.
P.O. Box 999
USA
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                                  Jolla
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ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 0726
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5099
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
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Matches 16; Conserv
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           APPLICATION NUMBER: US 08/
FILING DATE: 20-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
FILING DATE: 21-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,485A
FILING DATE: 05-JUN-1995
                                                                                                                                                 CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 08/588,821
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APPLICATION NUMBER: US
FILING DATE: 20-AUG-19
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TITLE OF INVENTION: Regulation of bcl-2 Gene Expression
NUMBER OF SEQUENCES: 29
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STRANDEDNESS: si
TOPOLOGY: linear
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                STREET: 1755 S. CITY: Arlington
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Y: U.S.A.
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MBER: US 07/288,692
22-DEC-1988
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                                                                                                                                                                                                                                                                                                                                                                                                                    Jefferson Davis Hwy., Suite 400
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80.0%; Pred. No. 1
                                                                                                                                 US 08/124,256
                                                                        US 07/840,716
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/124,256
FILING DATE: 20-SEP-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                ZIP: 2222
COMPUTER READABLE FORM:
TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: Other nucleic acid;
DESCRIPTION: Synthetic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TELECOMMUNICATION INFORMATION: TELEPHONE: (408) 436-2070
                                                                                      FILING DATE: 22-DEC-1988 ATTORNEY/AGENT INFORMATION:
                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Regulation of bcl-2 Gene Expression NUMBER OF SEQUENCES: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PPLICANT:
                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/465,485A FILING DATE: 05-JUN-1995 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Modified_base
LOCATION: 18..19
OTHER INFORMATION: Last
OTHER INFORMATION: phos
                                 NAME: Fortney, Andrew D.
REGISTRATION NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                          APPLICATION NUMBER: FILING DATE: 21-FEE
                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: P.C.
STREET: 1755 S. Jefferson Davis Hwy., Suite 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Fortney, Andrew D. REGISTRATION NUMBER: 34,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
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                                                                                                                                                            21-FEB-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Last two internucleoside linkages are phosphorothioates
                                                                                                                       US 07/288,692
                                                                                                                                                                           US 07/840,716
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Pred. No. 1.3e+03;
0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                      Version #1.25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 13, Application US/08440740A Patent No. 5843738 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                   APPLICATION NUMBER: 007,997 FILING DATE: January 20, 19 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                              FILING DATE: May 17, PRIOR APPLICATION NUMBER: (
                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
                                                                                                                                                                                                                                 FILING DATE: February 10, 1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                       CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
063,167
                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
                                                                                        FILING DATE: August 14, ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 8
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                          REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
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NAME/KEY:
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                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/440,740A FILING DATE: May 12, 1995 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM:
SOFTWARE: WORDPER
                                                                                                                                                    APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Modified_base
LOCATION: 18..19
OTHER INFORMATION: Last
OTHER INFORMATION: phos
              TELEPHONE:
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nucleic acid
                                                                           Jane Massey Licata
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                                                                                                                                                                                                                                                                                                                                                                                                                                            IBM PS/2
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              (609)
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Synthetic DNA
                                                                                                                                                                                                                                                                                             May 17, 1993
                                                                                                                                                                                                  January 20, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                         DISKETTE, 3.5 INCH, 1.44 Mb
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779-8488
              779-2400
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                                             ISPH-0133
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Pred. No. 1.3e+03
0; Mismatches
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Best Local &
                                                                Matches
                                                                                Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter Stephen E
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                  TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                 MOLECULE TYPE: 01
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Evans, Glen A. APPLICANT: Smith, Michael
                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                              LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 444 South
CITY: Los Angeles
                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                     TELEPHONE:
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                               2795 GAGTCAGGAAGGAGAAATG 2814
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                                                                                Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
                                                                Conservative
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                                                                                                                                                                                                                                                                                                                       619-546-4737
                                                                                                                                                                                Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.3%; Score 13.6; DB 1; Length 20; 80.0%; Pred. No. 1.3e+03;
                                                                                0.3%;
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                                                                                Score 13.6; DB 1; Length 20; Pred. No. 1.3e+03;
                                                                Mismatches
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RESULT 1400

Floppy disk

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                                                                                                                                                                                                                                      Sequence 3, Application US/08690734A Patent No. 5871920 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local (
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Patent No.
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.
CURRENT APPLICATION UNMBER: US/08/887,365
FILING DATE: 02-JUL-1997
CLASSIFICATION UNMBER: US/08/887,365
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/513,928
FILING DATE: 26-SEP-1995
FILING DATE: 26-SEP-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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STATE: Unic
COUNTRY: Unic
TTP: 10174-6401
TTP: PEADABLE F
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                               APPLICANT: Page, David C.
APPLICANT: Reijo, Renee
TITLE OF INVENTION: DAZ: A
NUMBER OF SEQUENCES: 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEPAX: 212-878-9655
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                                                                       STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                             Match 0.3%;
Local Similarity 80.0%;
Les 16; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nuclei
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
                                                                                          CITY: Lexington
                                                     COUNTRY:
                                                                                                           STREET:
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                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                            3449 AAACCGGGGTCTCCCTCCCA 3468
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o. 5858760
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                                      02173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        nucleic acid
                                                                       Massachusetts
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: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   405 Lexington Avenue,
                                                                                                           E: Hamilton, Brook,
Two Militia Drive
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VENTION: AN ENZYME WITH PECTIN LYASE ACTIVITY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Christgau, Stephan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   No. 5858760o No. 5858760disk of No. 5858760th America, Inc. 5 Lexington Avenue, 64th Floor
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                                                                                                                                                                                    GENE ASSOCIATED WITH AZOOSPERMIA
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                                                                                                                               Smith & Reynolds,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/690,734A
FILING DATE: 31-ULL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/310,429
FILING DATE: 22-SEP-194
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          08-690-734A-8/c
                                                        TELEFAX: (617) 861-9540 INFORMATION FOR SEQ ID NO: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    atent No. 5871920 GENERAL INFORMATION:
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atent No. 5871920
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                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Page, David C.
APPLICANT: Reijo, Renee
TITLE OF INVENTION: DAZ: A GENE ASSOCIATED WITH AZOOSPERMIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/310,429
FILING DATE: 22-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                        NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WHI94-07A
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOPTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 02173
                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: Two Mili
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WHI94-07A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 31-JUI
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                                                                                          TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Massachusetts
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                                                                                        (617) 861-6240
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                                                        8:
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Pred. No. 1
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US-08-623-906A-33

Sequence 33, Application US/08623906A Patent No. 5874217

GENERAL INFORMATION: APPLICANT: Steven

APPLICANT:

Dvorak,

Stevenson, Tamara

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US-08-690-734A-74
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RESULT 1404
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                                                                                                                 Matches
                                                                                                                                                Query Match
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Patent No. 5
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Best Local 9
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INFORMATION FOR SEQ ID NO:
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APPLICANT: Page, David C.
APPLICANT: Reijo, Renee
                                                                                                                                                                                                                                                                                                             NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WHI94-07A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 31-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/310,429
FILING DATE: 22-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: DAZ: A GENE ASSOCIATED WITH AZOOSPERMIA NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive
                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                               STRANDEDNESS: sir
TOPOLOGY: linear
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OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                Local
                                                                                                                                                                                                                                      TYPE:
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                                                                                 762 GAGTTTTACAAGAAGGAAAA 781
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16; Conserv
                                                1 GGGTGTTACCAGAAGGCAAA 20
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5871920
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                                                                                                                               Score 13.6; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1
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                                                                                                                   Mismatches
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                                                                                                                                              Length 20;
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                    atent No. 5874567
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                   equence 65,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 415-398-3249
[NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPOSIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/927,561
APPLICATION NUMBER: US/08/927,561
     CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 100 08/487,141
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Re-lease #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Therapeutic Oligonucleotides
                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                           STREET: 1001.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                           COUNTRY: USA
ZIP: 19103-2307
                                                                                                                                                                                                                                                                      ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH:
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1601 Market Stree
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                                                          08-SEPT-1997
05-JUN-1995
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                                                                                                                                                                                                                                                     Herrell and Skillman
t Suite 720
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Pred. No. 1.3e+03;
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US-08-927-561-70
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Best Local Similarity 80.0%;
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 70, Application US/08927561 Patent No. 5874567
                                                                                                                                                                                                                  CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08,
FILING DATE: 05-UUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION: APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Therapeutic Oligonuclectides
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TELECOMMUNICATION INFORMATION:
                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (215)563-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: :
CORRESPONDENCE ADDRESS
HYPOTHETICAL:
             MOLECULE TYPE:
                                                                                                                                                                         NAME: Rigaut, Kathleen I
REGISTRATION NUMBER: P4:
REFERENCE/DOCKET NUMBER:
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                                            STRANDEDNESS:
                                                                                                                              TELEFAX:
                                                                                                                                         TELEPHONE:
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STRANDEDNESS: sing
                               TOPOLOGY:
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                                                           nucleic acid
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    Dann, Dorfman, Herrell and Skillman
1601 Market Street Suite 720

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                             ss: single
not relevant
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              (genomic)
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Pred. No. 1.3e+03;
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Query Match

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Score 13.6;

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Length 20;

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RESULT 1408
US-08-478-178A-113/c
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                                                                                                            Sequence 113, Application US/08478178A Patent No. 5882927
                                                                                                                                                                                                                                                                                         Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                          Patent No.
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/8/927,561
                                                                           GENERAL INFORMATION:
APPLICANT: Nichol
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: 1
HYPOTHETICAL: NO
ANTI-SENSE: YES
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FILING DATE: 08-SEPT-
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                    APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonuclectide Modulation of
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/487,141 FILING DATE: 05-JUN-1995 ATTORNEY/AGENT INFORMATION:
     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
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CITY: Philadelphia
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                                                                                                                                                                                                                                                                                           Conservative
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                           DB 1;
                                                                                                                                                                                                                                                                                                                         Length 20;
                                                                                                                                                                                                                                                                                           Indels
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US-08-478-178A-113
                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 5883082
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 13, Application US/08344155C Patent No. 5883082
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                                              COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.4

COMPUTER: IEM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.0

CURRENT APPLICATION DATA;

APPLICATION NUMBER: US/08/344,155C

FILING DATE: NO. 5883082ember 23, 19;

CLASSIFICATION: 514

PRIOR APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: MATCH 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
FILING DATE: September 2, 1992 PRIOR APPLICATION DATA:
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MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Compositions and Methods for Preventing TITLE OF INVENTION: and Treating Allograft Rejection
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                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
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ADDRESSEE: Mackiewicz & No. 5
STREET: One Liberty Place - 4
CITY: Philadelphia
                    APPLICATION NUMBER: 
FILING DATE: Septer
                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                        STATE:
                                                                                                                                                                                                                                                                                         CITY:
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16; Conservative
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                                                                                                                                                                                               DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                        5883082ember 23, 1994
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Pred. No. 1
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US91/05209 FILING DATE: July 23, 1991

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 80.0%;
                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: MARCH 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: 1515
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION: APPLICANT: Nichol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (609) 779-8488 INFORMATION FOR SEQ ID NO: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Jane Massey Licata REGISTRATION NUMBER: 32,257 REFERENCE/DOCKET NUMBER: ISITELECOMMUNICATION INFORMATION: TELECHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Nicholas Dean, C. Frank Bennett TITLE OF INVENTION: Oligonucleotide Modulation of TITLE OF INVENTION: Protein Kinase C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 07/5/
FILING DATE: 8/14/90
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING UNIT.
PRIOR APPLICATION DATA:
O7/567,286
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APPLICATION NUMBER:
FILING DATE: 9/2/92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER:
FILING DATE: 1/21/93
                                                                                                                                                                                                                                                                                                                                                                                      STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                          FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.
                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5885970ris
STREET: One Liberty Place - 46th Floor
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Pred. No. 1.3e+03
                      ISIS-1995
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                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,751
FILING DATE: 02-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UMBER: US/08/413,580
FILING DATE: 03-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: CONTACT INFORMATION:
Query Match 0.3%;
Best Local Similarity 80.0%;
Matches 16; Conservative
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Best Local 9
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                                                                                                                                                                           TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                       NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7638
TELECOMPUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
                                                                                                TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Reeders, Stephen
APPLICANT: Schneider, Michael
APPLICANT: Glucksmann, Sandra
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Local Similarity 80.0%;
nes 16; Conservative (
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                                                                                                                                                       TYPE: nucleic acid
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1155 Avenue of the Americas
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                                                                                                                                  single
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Score 13.6; DB 1; Length 20; Pred. No. 1.3e+03; O; Mismatches 4; Indels
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Pred. No. 1.3e+03;
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RESULT 1413
US-08-500-857A-28
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                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: linear
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                                                                                                                                                                                Sequence 28, Application US/08500857A
                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                          Patent No. 5912156
GENERAL INFORMATION:

APPLICANT: USAMI, SHOZO
APPLICANT: USAMI, STORU

APPLICANT: USAMI, STORU

APPLICANT: BURNELL, JAMES N

TITLE OF INVENTION: POLYPEPTIDE HAVING COLD-STABLE PYRUVATE,
TITLE OF INVENTION: AND RECOMBINANT VECTOR AND TRANSFORMED PLANTS CONTAINING
TITLE OF INVENTION: AND RECOMBINANT VECTOR AND TRANSFORMED PLANTS CONTAINING
TITLE OF INVENTION: THE DNA
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US95/07605
FILING DATE: 16-JUN-1995
ATTORNEY/AGENT INFORMATION:
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TITLE OF INVENTION: DEFECTS IN
TITLE OF INVENTION: METABOLISM
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION:
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Dorothy R. Auth
REGISTRATION NUMBER: 36,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: J51
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345 Park Ave.
                                                                                                                                                                                                                                                                                                                                                          Conservative
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DEFECTS IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Primer used for CYP2A6 detection.
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                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
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Pred. No. 1.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                            Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 113, Application US/08481072A Patent No. 5916807 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.3%;
Best Local Similarity 80.0%;
Matches 16; Conservative
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,072A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 852,852
PILING DATE: MATCH 16, 1992
ATTORNEY, AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 103-205-8050 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: line
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Macklewicz & No. 5916807ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
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TELEPHONE: 703-205-8000
TELEFAX: 103-205-8050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: MURCHY JR, GERALD M
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 76(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSE: BIRCH, STEWART, KOLASCH AND BIRCH, LLP
STREET: 8110 GATE HOUSE ROAD SUITE 500 EAST
                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Nicholas Dean, C. Frank Bennett TITLE OF INVENTION: Oligonucleotide Modulation of TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                       STATE:
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5242 GCGTAACCAATAAATTGTGC 5261
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Pred. No. 1
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Query Match
Best Local S
Matches 16
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Best Local (
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                STRANDEDNESS:
TOPOLOGY: lir
ANTI-SENSE: yes
                                                                                                                                                                                                                               REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: MAYCH 16, 1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                APPLICATION NUMBER: 089,9
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Oligonucleotide Modulation of Protein NUMBER OF SEQUENCES: 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Nicholas Dean, C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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                                                                                                                                                  ENGTH:
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Conservative
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Pred. No. 1.3e
0; Mismatches
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0; Mismatches
               Score 13.6; DB 1; Length 20; Pred. No. 1.3e+03;
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RESULT 1417
US-09-005-532-38
US-09-005-532-38
j Sequence 38, Application US/09005532
j Patent No. 5955292
j GENERAL INFORMATION:
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US-08-256-426B-173/c
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                                                                                                                                                                                                      Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 173:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: Window
SOFTWARE: WORDPERFECT 6.:
CURRENT APPLIATION DATA:
                                                                                                                                                                                                                                                                                          TOPOLOGY: LINEAR ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
ADDRESSE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Mark DeLuca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: One Liberty
CITY: Philadelphia
STATE: PA
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Williams, Charlene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ahmad, Nilofer Nina
VENTION: Methods of Detecting A Genetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ritvaniemi, Pertti
Baldwin, Clinton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
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                                                                                                                                                                                                      Conservative
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WORDPERFECT 6.1
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Pred. No. 1.3e+03;
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APPLICANT: Kern, Scott E.

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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/588,821
FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/0790
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
FILING DATE: herewith
                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5959096ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                            APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein Kinase C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hahn, Stephan A TITLE OF INVENTION: NOVEL 'NUMBER OF SEQUENCES: 91
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                                                                                                                                                                                                                 STREET: One Libert CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: La Jolla
STATE: CA
                                                                                                                                                               ZIP: 19103
                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
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4225 Executive Square, Suite 1400
                                                                                                                                                                               USA
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Pred. No. 1.
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US-08-771-602D-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Voytas, Daniel F.
APPLICANT: Zou, Sige
                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Ferber, Donna M.
REGISTRATION NUMBER: 33,878
REFERENCE/DOCKET NUMBER: 8-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080
TELEPAX: (303) 499-8080
                                                                                                                TELEFAX: (303) 499-80
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 6
FILING DATE: 31-JAN-1996
                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 852, FILING DATE: March 16, 1 ATTORNEY/AGENT INFORMATION:
                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
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                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/0 FILING DATE: 20-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 5370 P
DESCRIPTION:
                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Rebecca Ralph Gaumond REGISTRATION NUMBER: 35,152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
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                                                                                     ENGTH:
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                                  linear
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other nucleic acid
/desc = "Oligonucleotide."
                                                  single
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Pred. No. 1.3e+03
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RESULT 1421
US-08-206-790A-1
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APPLICATION NUMBER: US/08/206
FILING DATE: 04-MAR-1994
CLASSIFICATION: 42A-1994
ATTORNEY/AGENT INFORMATION:
NAME: Trujillo, Doreen Y.
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CH-0
TELECOMMUNICATION INFORMATION:
TELEPAN: (215) 568-3110
TELEPAN: (215) 568-3139
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
I ENGREE AS A SECUENCE OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF THE ASSOCIATION OF TH
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Best Local Similarity
Matches 16; Conserv
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LENGTH: 20
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APPLICANT: Lex M. COWBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
FILE REFERENCE: RTS-0031
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Best Local Similarity 80.0%;
Matches 16; Conservative
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CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
110/08/2016, 790A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
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Conservative 0
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HLA-DM is Involved in Antigen Presentation
Lymphocytes
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
0; Mismatches 4;
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US-09-226-568-5/c
; Sequence 5, Application US/09226568
; Patent No. 6001992
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                                                                                                                                                                                   ; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
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Best Local S
Matches 16
                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Ackermann, Elizabeth J.
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
TITLE OF INVENTION: Antisense Modulation of No. 6001992el Anti-apoptotic
TITLE OF INVENTION: Actisense Modulation of No. 6001992el Anti-apoptotic
TITLE OF INVENTION: Actisense Modulation of No. 6001992el Anti-apoptotic
TITLE OF INVENTION: Actisense Modulation of No. 6001992el Anti-apoptotic
TITLE OF INVENTION: Actisense Modulation of No. 6001992el Anti-apoptotic
TITLE OF INVENTION: NUMBER: US/09/226,568
CURRENT APPLICATION NUMBER: US/09/226,568
CURRENT APPLICATION NUMBER: US/09/226,568
CURRENT APPLICATION NUMBER: 1999-01-07
NUMBER OF SEQ ID NOS: 39
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SEQ ID NO 14
LENGTH: 20
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APPLICANT: C. Frank Bennett APPLICANT: Elizabeth J. Ackermann
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Best Local Similarity 80.0%;
Matches 16; Conservative
Best Local Similarity Matches 16; Conserv
                                      Query Match
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CURRENT FILING DATE: 1999-04-08
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                                                                                                                                                                                                                                              SOFTWARE: PatentIn Ver. 2.0
                                                                                                  FEATURE:
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                             ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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MOLECULE TYPE:
ANTI-SENSE: NC
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nes 16; Conserv
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STRANDEDNESS: sing
TOPOLOGY: linear
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                                                                                                  Description of Artificial Sequence: antisense sequence
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Pred. No. 1.3e+03;
0; Mismatches 4;
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                   Score 13.6; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.
Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-985-908-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 21, Application US/08985908
Patent No. 6004773
GENERAL INFORMATION:
APPLICANT: MASAYUKI ARAKI, MASAKAZU SUGIMOTO, YASUHIKO YOSHIHARA, AND TSUYOSHI NA
TITLE OF INVENTION: METHOD FOR PRODUCING L-LYSINE
TITLE OF INVENTION: METHOD FOR PRODUCING L-LYSINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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SEQ ID NO 7
LENGTH: 20
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                                                   PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 8-325659

FILING DATE: 05-DEC-1996

ATTORNEY/AGENT INFORMATION:

NAME: NORMAN F. OBLON

REGISTRATION NUMBER: 24,618

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ackermann, Elizabeth J.
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/226,568
CURRENT FILING DATE: 1999-01-07
NUMBER OF SEQ ID NOS: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Antisense Modulation of No. 6001992el Anti-apoptotic TITLE OF INVENTION: bcl-2-Related Proteins FILE REFERENCE: ISPH-0337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: antisense OTHER INFORMATION: sequence
   NFORMATION FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 3
                                                                                                                                                                                      APPLICATION NUMBER: US/08/985,908 FILING DATE: 05-DEC-1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                STREET: 1755 S. JEFFERSON CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
mes 16; Conserv
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                                   TELEPHONE:
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Pred. No. 1.3e+03;
0; Mismatches 4;
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RESULT 1427
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                                                                                                                                                                    Query Match
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; MOLECULE TYPE:
US-08-589-939-41
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 58
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-935-1729
                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ANTI-SENSE: no
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MOLECULE TYPE:
DESCRIPTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
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nes 16; Conserv
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                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                           TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
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                                                                                                                                                  POPOLOGY:
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                             3315 GACCAGCCAGCCCACAGCCTG 3334
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                                                                       Similarity
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GACCAGCGCCCCAATGCCTG 20
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                                                           Conservative
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                                                                       Score 13.6; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.3e+03.
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; Sequence 72, Application US/08578615A
; Patent No. 6015892
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LENGTH: 20
TYPE: DNA
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Best Local Similarity
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APPLICANT: Lex M. COWBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION
FILE REFERENCE: RTS-0027
CURRENT APPLICATION NUMBER: US/09/357,072
CURRENT FILING DATE: 199-07-19
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                              APPLICATION NUMBER: 852,852
APPLICATION NUMBER: 08/089,996
APPLICATION NUMBER: 08/089,996
APPLICATION NUMBER: 08/199,779
APPLICATION NUMBER: 08/199,779
APPLICATION NUMBER: 08/199,779
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REGISTRATION NUMBER: 38,534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Brett P. Monia
APPLICANT: Brenda F. Baker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                          TELEFAX: (215) 568-3439 (INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
STREET: One Liberty Place - 46th Floor
                                                                                                                     REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
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STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 11-JAN
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                   nucleic acid
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single
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Pred. No. 1.3e+03
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RESULT 1430
US-08-982-845B-13/c
; Sequence 13, Application US/08982845B
; Patent No. 6015894
                                                                                                            문
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US-08-578-615A-72
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US-08-578-615A-73/c
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                                                                                                                                                                                                     Best
                                                                                                                                                                                    Matches
                                                                                                                                                                                                                  Query Match
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Best Local Similarity 80.0%;
Matches 16; Conservative
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GENERAL INFORMAT
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION UMBER: US/08/578,615A
APPLICATION UMBER: US/08/578,615A
APPLICATION UMBER: 11-JAN-1996
CLASSIFICATION 1514
PRIOR APPLICATION DATA:
APPLICATION UMBER: 852,852
APPLICATION UMBER: 08/089,996
APPLICATION UMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION UMBER: 38,534
REFERENCE/DOCKET NUMBER: 1815-1568
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: singl
TOPOLOGY: linear
ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: WORDPERFECT CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Nicholas Dean, C. Frank Bennett and TITLE OF INVENTION: Oligonucleotide Modulation NUMBER OF SEQUENCES: 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
                                                                                                                                                                         0.3%;
Local Similarity 80.0%;
hes 16; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM:
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STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                LENGTH:
                                                                                                                                              1668 CTCCTGCAGCAGATGAAGAA 1687
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                                                                       (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                            single
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                                                                                                                                                                                                   Score 13.6; DB 1; Length 20; Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
                                                                                                                                                                                    Mismatches
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of Protein Kinase
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                                                                            Sequence 5, Application US/08914961
Patent No. 6018042
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                      Query Match 0.3%; Score 13.6; DB 1; Length 20; Best Local Similarity 80.0%; Pred. No. 1.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Bennet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (609) 779-8488 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0243
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 567,286 FILING DATE: August 14, 1990 ATTORNEY/AGENT INFORMATION:
APPLICANT: Haner, Robert
APPLICANT: Dean, Nicholas Mark
TITLE OF INVENTION: Antitumor Antisense Oligonucleotides
                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/44
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
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PRIOR APPLICATION NUMBER: 08/440,740
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: December
CLASSIFICATION: 514
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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TITLE OF INVENTION: Oligonucleotide
TITLE OF INVENTION: of Cell Adhesion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: Nucleic Acid
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OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 66 East Main Street CITY: Marlton
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                                                          Mett, Helmut
                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (609)
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US-08-742-185-3
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                                                                                                                                                                                                                                                Sequence 3, Application US/08742185 Patent No. 6020476
                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/914,961
FILING DATE: 20-AUG-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/287,753
FILING DATE: 09-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Spruill, W. Murray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (919) 541-8689
INFORMATION FOR SEQ ID NO: (
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                          APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: 4-20047/P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8615
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA
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CORRESPONDENCE ADDRESS:
                                                                                                        TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                             APPLICANT:
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LOCATION: 1..20
OTHER INFORMATION: /note= "All nucleotides are of the
OTHER INFORMATION: phosphorothioate type"
                               STREET: Two Mil:
CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII Editor
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COUNTRY:
                  STATE:
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STATE: New York
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                                                                      DDRESSEE:
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              Massachusetts
                                                  E: Hamilton, Brook, Smith & Reynolds, P.C Two Militia Drive
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Hawkins, Trevor
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                                                                                                      Reeve, Mary Pat
VENTION: DAZ: A GENE FAMILY ASSOCIATED WITH AZOOSPERMIA
EQUENCES: 102
                                                                                                                                                                                                               Page, David C.
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80.0%; Pred. No. 1.3e+03
tive 0; Mismatches
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RESULT 1433
US-08-742-185-8/c
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PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/690,734
FILING DATE: 31-JUL-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/310,429
FILING DATE: 22-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Page,
APPLICANT: Reijo,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                   FILING DATE: 31-JUL-1996
PRIOR APPLICATION DATA:
                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/690,734
FILING DATE: 31-JUL-1996
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Reeve, Mary Pat
TITLE OF INVENTION: DAZ: A
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION UMBER: - US/08/742,185 FILING DATE: 30-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                            STREET: iwc
CTTY: Lexington
CTTY: "Tenachue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
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STRANDEDNESS: double
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REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WHI94-07A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
APPLICATION NUMBER: US 08/310,429 FILING DATE: 22-SEP-1994
                                                                                                                       FILING DATE: 30-OCT CLASSIFICATION: 435
                                                                                                                                     APPLICATION NUMBER: US/08/742,185
FILING DATE: 30-OCT-1996
                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C
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al Similarity 80.0%; Pred. No. 1.3e+03:
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Hawkins, Trevor
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RESULT 1434
US-08-742-185-74
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US-08-742-185-74
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                                                                                                                                                             COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Versi
SOFTWARE: PATENTIN DATA:
APPLICATION NUMBER: US/08/742,185
FILING DATE: 30-OCT-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/690,734
FILING DATE: 31-JUL-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/310,429
FILING DATE: 22-SEP-1994
ATTORNEY/ACENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,27
REFERENCE/DOCKET NUMBER: WHI94-07A2
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                           TELEFAX: (617) 861-9540 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
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REFERENCE/DOCKET NUMBER: WH.
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Page, David C. APPLICANT: Reijo, Renee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hawkins,Trevor
APPLICANT: Reeve, Mary Pat
TITLE OF INVENTION: DAZ: A GENE FAMILY ASSOCIATED WITH AZOOSPERMIA
NUMBER OF SEQUENCES: 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER:
                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY:
                                                                                   LENGTH:
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                                                          nucleic acid
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                                                                                20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (617) 861-9540
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                      linear
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RESULT 1436
US-08-762-500-45
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                                                               Patent No. 603080
                                                                                                                                                                                                                         Matches
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                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: DUGAN, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: IG5-9.1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/665,259
FILING DATE: 17-JUN-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: OIL
STREET: Framingham
CITY: Framingham
OTATE: Massachusetts
"wited State!
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LENGTH: 20 base pairs
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MEDIUM TYPE: Floppy disk
                               APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Van Raay, Terence J.
APPLICANT: Klinger, Katherine W.
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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nes 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
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                                                                                                                                                                                          4236 GTTCACTGCCTGTGAGGCTT 4255
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                                                                                                                                                                                                                                                                                                                                                                nucleic acid
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                                                                                                                                                            GTTCACCGCCTTGGAGGATT 20
                                                                              Application US/08762500
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Van Raay, Terence J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%;
ilarity 80.0%;
Conservative
Landes, Gregory M. Burn, Timothy C. Connors, Timothy D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             United States of America
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Pred. No. 1.3e
0; Mismatches
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Pred. No. 1.3e+03;
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US-08-641-291A-84/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: MABILAT Claude
APPLICANT: RUIMY Raymond
APPLICANT: RUIMY Raymond
TITLE OF INVENTION: NUCLEOTIDE FRAGMENT OF THE 16S RIBOSOMAL RNA OF CORYNEBACTERI
NUMBER OF SEQUENCES: 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/665,259
FILING DATE: 17-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10469
FILING DATE: 17-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: DUGAN, Deborah A.
REGISTRATION NUMBER: 37,315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (508) 872-54
INFORMATION FOR SEQ ID NO:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IMB PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/762,500
FILING DATE: 09-DEC-1996
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington
CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
DESCRIPTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Klinger, Katherine W.
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
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STREET: On
                                                                                                     STATE:
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                                                                               COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             other nucleic acid
/desc = "oligonucleotide primer"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.3%; Score 13.6; DB 1
80.0%; Pred. No. 1.3e+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PCT/US96/10469
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                          Street, Suite 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
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Best Local S
Matches 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             tent No.
                                                                                                                                                                                                                   PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/465,485

PILING DATE: 05-JUN-1995

PRIOR APPLICATION DATA:

ADDITICATION NUMBER: US 08/124,256
                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
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LENGTH: 20 base pairs
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NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 30-APR-19:
                                                                                        FILING DATE: 21-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/288,692
FILING DATE: 22-DEC-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Regulation of bcl-2 Gene Expression NUMBER OF SEQUENCES: 29
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NAME: Fortney, Andrew D.
REGISTRATION NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
REFERENCE/DOCKET NUMBER: 3335-070-55 CONT
REFERENCE/DOCKET NUMBER: 335-070-55 CONT
                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/840,716
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Arlington
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                                                                                                                                                                                                         FILING DATE: 20-SEP-1993
                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
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16; Conserv
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7: U.S.A.
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In Release # 1.0, version # 1.30
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Pred. No. 1.3e+03;
0; Mismatches 4;
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                             FILING DATE: 21-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
FILING DATE: 22-DEC-1988
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                             CLASSIFICATION:
PRIOR APPLICATION NUMBER: US 08/
APPLICATION NUMBER: US 08/
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATE: 20-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
 TELEPHONE: (408) 436-20
TELEFAX: (408) 436-20
INFORMATION FOR SEQ ID NO:
                                           REGISTRATION NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 33
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Regulation of bcl-2 Gene Expression NUMBER OF SEQUENCES: 29
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DESCRIPTION: Synthetic DNA
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LOCATION: 18:.19
OTHER INFORMATION: Last two internucleoside linkages are
OTHER INFORMATION: phosphorothioates
                                                                                  NAME: Fortney, Andrew REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
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436-2075
NO: 27:
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Pred. No. 1.3e
0; Mismatches
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                                                                   3335-070-55 CONT
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Query Match
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                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                TELEFAX: (619) 535-8949 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-CJ 1607
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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APPLICANT: Isaacs, William B.
TITLE OF INVENTION: A No. 6043088el Prostate/Colon Tumor Suppressor
TITLE OF INVENTION: Gene Located on Human Chromosome 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
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TOPOLOGY: lir
                                                                                                                                                              LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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OTHER INFORMATION: Last OTHER INFORMATION: phos
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STRANDEDNESS: single
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TTTGAGTAGCCAGAGTCCAG 20
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                                                                                Score 13.6;
Pred. No. 1
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Pred. No. 1.
                                                                  Mismatches
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                                                                Indels
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APPLICANT: Matsuda, Yoko
APPLICANT: Uchida, Kiyoshi
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
FILE REFERENCE: 07898/030001
CURRENT APPLICATION NUMBER: US/09/120,853
CURRENT FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: JP 213838/1997
EARLIER APPLICATION NUMBER: JP 213838/1997
EARLIER FILING DATE: 1997-07-25
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 20
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Best Local Similarity
Watches 16; Conserve
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US-09-120-853-8/c
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                                                                                                                                                             US-09-120-853-8
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                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                    SEQ ID NO 8
LENGTH: 20
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                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 07898/030001
CURRENT APPLICATION NUMBER: US/09/120,853
CURRENT FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: JP 213838/1997
EARLIER FILING DATE: 1997-07-25
NUMBER OF SEQ ID NOS: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kamiya, Kinya
APPLICANT: Matsuda, Yoko
APPLICANT: Uchida, Kiyoshi
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Artificial OTHER INFORMATION: nucleic acid sequence
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                                    288 CTCTCTCTTGCTTGGTTTCT 307
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                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.3%; Score 13.6; llarity 80.0%; Pred. No. 1.3 Conservative 0; Mismatches
                                                                                               0.3%; Score 13.6; DB 1
80.0%; Pred. No. 1.3e+03
                                                                          0; Mismatches
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                                                                                                                     DB 1;
                                                                                                                Length 20;
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                                                                            Gaps
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RESULT 1443 US-09-344-519-37/c

Sequence 37, Application US/09344519 Patent No. 6066500 GENERAL INFORMATION:

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RESULT 1444
US-08-765-626-8
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-519-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: C. Frank Bennett
APPLICANT: Lex M. COMSORT
TITLE OF INVENTION: ANTISENSE MODULATION OF BETA CATENIN EXPRESSION
FILE REFERENCE: RTS-0059
CURRENT APPLICATION NUMBER: US/09/344,519
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Loc
Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                    TELEX:
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  tent No.
                                                                                                                                                                 FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                 FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/388,381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 20
                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ME
TITLE OF INVENTION: an
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Diamandis, Elerth
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
mes 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                  TELEFAX: (914) 962-4330
                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2922 AGCATCAAGTCCTCTGACAG 2941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 AGCCACAGCTCCTCACAG 1
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1992 Commerce Street, Suite 309
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   genomic DNA
                                single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Method, Reagents and Kit for Diagnosis and Targeted Screening for p53 Mutations
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Pred. No. 1.3e+03;
0; Mismatches 4;
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                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,087
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/171,718
FILING DATE: 22-DEC-1993
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
APPLICATION NUMBER: US 08/022,034
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 05-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NUMBER: US 08/026,063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                    TELEFAX: (202) 371-254
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                             REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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ORIGINAL SOURCE:
ORGANISM: hum
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             LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                            TELEPHONE:
TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
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                                                                                                                                                                                                     Brown,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1100 New York Avenue, N.W., Suite
                                                                                                             (202)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
 linear
                                                                                                                              (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sterne,
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Mia M.
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                                                                                                                                                                    0609.3850003
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Pred. No. 1.3e+03;
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Query Match

Best Local Similarity

90.3%;

Score 13.6; DB 1; Pred. No. 1.3e+03;

Length 20;

Matches

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US-08-991-525B-13/c
                                                                                                                     US-08-991-525B-13
                                                          Matches
                                                                       Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Bennet
                                                                                                                                                                                                                            TELEFAX: (856) 810-1454
NFORMATION FOR SEQ ID NO:
                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 567,286 FILING DATE: August 14, 1990 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 440,7,
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (856) 810-1515
                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PS, OPERATING SYSTEM: WORDPEN SOFTWARE: WORDPEN
                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Marlton STATE: NJ
                                                                                                                                                                               TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 32, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: September 2, 1992
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 969,151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/991,525B FILING DATE: December 16, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
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                            3161 CACCAGCCACGACCCCATGA 3180
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                                                          Conservative
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                                                                                                                                                Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WORDPERPECT 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      February 10, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                Single
                                                                       0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                939,855
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                                                         0; Mismatches
                                                                        Score 13.6; DB 1;
Pred. No. 1.3e+03;
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                                                                                     Length 20
                                                         Indels
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                                                       Gaps
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RESULT 1447
US-09-085-759-13/c
                                                                                            US-09-085-759-13
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                              Matches
                                                          Query Match
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                                                                                                                                                                                                      NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: I
                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                              FILING DATE: September 2, 1992 PRIOR APPLICATION DATA: APPLICATION NUMBER: 567,286
                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: January PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 063,1
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:

ON TOWN NUMBER: 08/440,740
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                           ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                               FILING DATE: August 14, 1990 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                  ELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: P
CLASSIFICATION:
                                             Local Similarity
                                                                                                                        STRANDEDNESS:
TOPOLOGY: Lin
                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                    NAME: Jane Massey Li
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 007,997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 969,151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                   TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: WORDPERFECT 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER:
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3161 CACCAGCCACGACCCCATGA 3180
                              16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           08053
                                                                                                                                                     Nucleic Acid
                                                                                                                                                                                                                                                                                               Jane Massey Licata
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                                Conservative
                                                                                                                                                                                                                      (609)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               C. Frank Bennett, Christopher Mirabelli,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IBM PS/2
                                                                                                                         inear
                                                                                                                                                                                                                                   (609)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   May 12, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                      Single
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                                           0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Antisense Modulation of Cell Adhesion
Molecule Expression and Treatment of Cell Adhesion
Molecule-Associated Diseases
                                                                                                                                                                                                                                                                                                                                                                                               939,855
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    063,167
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                                                                                                                                                                                                                                                                               32,257
                              <u>..</u>
                                                                                                                                                                                                                                                                   ISPH-0311
                                             Score 13.6; DB 1
Pred. No. 1.3e+03
                                Mismatches
                                                             DB 1;
                                                            Length 20;
                              Indels
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                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-418-641-56
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                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-377-310-6
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                                                                                                                                                                                                                      US-09-280-799-161
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 56
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
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                                                                                                                                                                Patent No. 6136603
GENERAL INFORMATION:
                                                                                                                                                                                                    Sequence 161,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 6, Application US/09377310B Patent No. 6133031
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                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                   APPLICANT: Dean, Nicholas M.
APPLICANT: Karras, James G
APPLICANT: McKay, Robert
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
TITLE OF INVENTION: TRANSDUCTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION. ANTISENSE MODULATION OF FRA-1 EXPRESSION
FILE REFERENCE: RTS-0105
CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
               FILE REFERENCE: ISPH-0340
CURRENT APPLICATION NUMBER: US/09/280,799
CURRENT FILING DATE: 1999-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: ISPH-0389
CURRENT APPLICATION NUMBER: US/09/377,310B
CURRENT FILING DATE: 1999-08-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
TITLE OF INVENTION: Antisense Modulation of Focal Adhesion Kinase
TITLE OF INVENTION: Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 89
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE: OTHER INFORMATION: antisense sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH: 20
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les 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                      0.3%; Score 13.6; DB 1;
80.0%; Pred. No. 1.3e+03;
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Pred. No. 1.
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                                                             ; LOCATION: US-08-882-046-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-882-046-71/c
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Patent No.
Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity 80.0%;
                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,046
FILING DATE: 25-JUN-1997
CLASSIFICATION: 536
                                                                                                                                                                                                                                                            TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO:
                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Human Ja
                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                      FEATURE:
                                                                                                                                                                   OLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Diego
                                                                                                                                     NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP:
                                                                                                                        LOCATION:
                                                                                                                                                                                               STRANDEDNESS: single
                                                                                                                                                                                                                                                                                     TELEPHONE:
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                                                                                                                                                                                                                             ENGTH:
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                                                                                                                                                                                                             : 20 base pairs
nucleic acid
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4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Spinner, Nancy B.
Spinner, Nancy B.
NENTION: Human Jagged Polypeptide, Encoding
NENTION: Nucleic Acids and Methods of Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
   Conservative
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                 80.0%;
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Pred. No. 1.
                 Score 13.6;
Pred. No. 1
   Mismatches
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                  1.3e+03
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   Gaps
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APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION
FILE REFERENCE: RTS-0102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 26, Application US/09418640 Patent No. 6140125
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4,
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CURRENT FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                 NAME: Chao, Mark
REGISTRATION NUMBER: 37,293
REFERENCE/DOCKET NUMBER: 94,
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-913-0001
                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0!
FILING DATE: 04-OCT-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH: 20
                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 300 SOULT
CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
nes 16; Conserv
                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/800,593 FILING DATE: 18-PEB-1997
                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TLE OF INVENTION: Laminin Chains: Diagnostic and TLE OF INVENTION: Therapeutic Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             385
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X: 312-913-0002
N FOR SEQ ID NO:
CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tryggvason, Karl
Kallunki, Pekka
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pyke, Charles
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Pred. No. 1.3e+03;
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; TOPOLOGY: lin
; MOLECULE TYPE:
; DESCRIPTION:
US-08-765-340-27
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Best Local
Matches 1
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Best Local Similarity
Matches 16; Conserv
                                    Query Match
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Patent No. 6150092
                                                                                                                                                                                                                              COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
PRIOR APPLICATION NUMBER: JP 311130/94
PRIOR APPLICATION NUMBER: JS 31130/94
PRIOR APPLICATION NUMBER: JS 31130/94
PRIOR APPLICATION NUMBER: JS 353
REFERENCE JOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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DESCRIPTION: /desc = "OLIGOMER PRIMER"
                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
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                                                                                                                                  STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE:
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                                                                                                                                                                     LENGTH:
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   16; Conserv
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                                                                                                                                                    nucleic acid
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UCHIDA, T.,
TANAKA, Y.,
MATSUDA, Y.,
KONDO C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               345 PARK AVENUE
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     Conservative
                                                                                                                    linear
                                                                                   other nucleic acid
/desc = "synthetic DNA"
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                   0.3%; Score 13.6; DB 1; Length 20; 80.0%; Pred. No. 1.3e+03;
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COMPOUND
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Pred. No. 1
     Mismatches
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Query Match
Best Local Similarity
Thes 16; Conserv
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US-08-765-340-90
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                                         Sequence 55, Applica Patent No. 6159694
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
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APPLICANT: Karras, James G.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: JP 145
FILING DATE: 27-UN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
FILING DATE: 23-DEC-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID TITLE OF INVENTION: COMPOUND NUMBER OF SEQUENCES: 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version SOFTWARE: #1.30 (EPO)
                                                                                                                                                                                                                                                                                                DESCRIPTION:
                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
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                                                                                                                                                                                    4158 GCTGGCTCCTGCCCAGC 4177
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                                                                          Application US/09288461
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UCHIDA, T.,
TANAKA, Y.,
MATSUDA, Y.,
KONDO, S.
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                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                            linear
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                                                                                                                                                                                                                                                                                            other nucleic acid
/desc = "synthetic
                                                                                                                                                                                                                                                                                                                                           single
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                                                                                                                                                                                                                  0
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Pred. No. 1.
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-345-69
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US-09-484-345-70
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                                                                FILE REFERENCE: RTS-0104
CURRENT APPLICATION NUMBER: US/09/484,345
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 90
LENGTH: 20
TYPE: DNA
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SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                   Sequence 70, Application US/09484345 Patent No. 6159734
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                                                                                                                                                                                           APPLICANT: Robert McKay
APPLICANT: Alexander H. Bo
APPLICANT: Brenda F. Baker
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CURRENT FILING DATE: 2000-01-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Robert McKay
APPLICANT: Alexander H. Borchers
APPLICANT: Brenda F. Baker
TITLE OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTO
                                                                                                                                                                                           TITLE OF INVENTION: ANTISENSE MODULATION OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/288,461
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: RTS-0104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: ISPH-0338
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                OTHER INFORMATION: Antisense Oligonucleotide
                                 FEATURE:
                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Synthetic Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                          5098 TTCCTTGGTTATTAGGAGAA 5117
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Pred. No. 1.
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Pred. No. 1.
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US-09-359-756-11
; Sequence 11, Application US/09359756
; Patent No. 6168950
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                                                     RESULT 1461
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US-09-433-6
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Best Local S
Matches 16
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PATENT NO. 6165786
GENERRAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. COWBERT
TITLE OF INVENTION; ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
FILE REFERENCE: RTS-0109
CURRENT FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 25
LENGTH: 20
                                                                                                                                                    Query Match
Best Local Similarity
Matches 16; Conserv
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APPLICANT: Jacquelin
TITLE OF INVENTION:
FILE REFERENCE:
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                                                                                                                                                                                                                                                                                SEQ ID NO 56
LENGTH: 20
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GENERAL INFORMATION:
                                                                                                                                                                                                            OTHER INFORMATION: Antisense Oligonucleotide 09-513-729B-56
                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/513,729B
CURRENT FILING DATE: 2000-02-24
NUMBER OF SEQ ID NOS: 88
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                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
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16; Conserv
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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RESULT 1462
US-09-128-496-13/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6169079
GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                               CLASSIFICATION:
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,74
FILING DATE:
PRIOR APPLICATION LATA:
APPLICATION NUMBER: 969,151
FILING DATE: Pebruary 10, 199
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
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APPLICANT: William Gaarde
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MEKK1 EXPRESSION
FILE REFERENCE: RTS-0077
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CURRENT FILING DATE: 1999-07-23
NUMBER OF SEQ ID NOS: 47
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
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ORGANISM: Artificial Sequence
FEATURE:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09,
FILING DATE:
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MEDIUM TYPE: DISKETT:
COMPUTER: IBM PS/2
                                                                                                     APPLICATION NUMBER: 567,286 FILING DATE: August 14, 1990 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                         APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
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                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
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IBM PS/2
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80.0%; Pred. No. 1.3e+03;
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                                                                                                   ; OTHER INFORMATION: AntiBenBe Oligonucleotide US-09-428-219-58
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Best Local S
Matches 16
                                                                                                                                                                                                                                                                        Sequence 58, Application US/09428219
Patent No. 61/7273
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
                                                                                                                                            SEQ ID NO 58
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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SEQ ID NO 71
                                              Matches
                                                          Query Match
Best Local Similarity
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Matches 16;
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                                                                                                                                                                                                    TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN-LINKED KINASE EXPRESSION FILE REFERENCE: RTS-0101
CURRENT PEPLICATION NUMBER: US/09/428,219
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION FILE REFERENCE: RTS-0116
CURRENT APPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 1999-11-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                 FEATURE:
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3800 CGGCGGGGACAAGAGCCAAG 3819
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                                             16; Conservative
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                                                          Score 13.6; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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                                             Mismatches
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; Sequence 13, App
; Patent No. 61775
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                                                                                                     RESULT 1466
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Best Local Similarity
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APPLICANT:
APPLICANT:
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ZIP: 20005
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US-09-179-558-30/c
; Sequence 30, Application US/09179558
; Patent No. 6180612
; GENERAL INFORMATION:
APPLICANT: Hockensmith, Joel W.
APPLICANT: Muthuswami, Rohini
APPLICANT: Muthuswami, Rohini
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (202) 371-259
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9422293.2
PRIING DATE: 04-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9508618.7
PRIING DATE: 28-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: ROBERT W. ESMOND
REGISTRATION NUMBER: 32,893
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: HUM.
TITLE OF INVENTION: PHAINUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/836,252A
FILING DATE: 31-UULY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB95/02547
FILING_DATE: 31-OCT-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                3443 AACAGCAAACCGGGGTCTCC 3462

    Application US/08836252A
6177556

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Dellow, Kimberley A.
TVENTION: HUMAN SCF,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sharkey, Andrew M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                     0.3%;
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                                                                                                                                                                                                                                                                                                                                Score 13.6; DB 1; Length 20; Pred. No. 1.3e+03; O; Mismatches 4; Indels
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; TOPOLOGY: 1i
; MOLECULE TYPE:
US-09-179-558-30
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Best Local Similarity 80...
Conservative
                                                                                                                                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: U.S. 09/060,470
FILING DATE: 15-APR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. 60/063,898
FILING DATE: 31-OCT-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                       APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: U.S. 09/060,470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatil
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                   COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: COTUZZI, LAURA A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 9426-005-999
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PastSEQ Version 2.0 CURRENT APPLICATION DATA: APPLICATION UNMBER: US/09/179,558 FILING DATE: 27-OCT-1998
                                                                                                                                                                                     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                     NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC OPERATING SYSTEM: WINDOWS 95 SOFTWARE: WORDPERFECT 6.0
                                                                                                                                                     STREET:
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                                                                                       ZIP: 08053
                                                                                                   COUNTRY:
                                                                                                                                     CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE:
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                                                                                                                                                                       DDRESSEE:
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                                                                                                                                                                                                                                                                                                             28, Application US/09280805
5. 6184212
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                                                                                                                                                       66 East Main Street
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1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         : (212)7909090
(212)8699741
                                                                                                     U.S.A.
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                                                                                                                                                                     Law Offices of Jane Massey Licata
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Pred. No. 1.3e+03;
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                              ENGTH:
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US-09-280-805-242
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Patent No. 61842
                                                                                                                                                  CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 09/04:
APPLICATION UNMBER: 09/04:
FILING DATE: MArch 26, 195
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Loren
APPLICANT: Graham
                                   TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09,
FILING DATE: March 26,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
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                                                                                                REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity hes 16; Conserv
                                                                                                                                  NAME: Licata, Jane Massey REGISTRATION NUMBER: 32,25
                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS
SOFTWARE: WORDPERFECT 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Licata, Jane Massey REGISTRATION NUMBER: 32,2
                                                                                  TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: Nucleic Acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
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Nucleic Acid
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                 20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Loren J. Miraglia, Pamela Nero, Mark J.
Graham, Brett P. Monia
ENTION: ANTISENSE MODULATION OF HUMAN MDM2
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                                                                                      609-810-1515
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East Main Street
                                                                                                                                                                                                                                                                                                                                                         DISKETTE,
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                                                                                                                                                                                        1998
                                                                                                                                                                                                                                                                                                                                                         3.5 INCH, 1.44 Mb STORAGE
                                                                                                                     ISPH-0346
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Pred. No. 1.
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                                                                                                                                         SEQ ID NO 74

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
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US-09-517-584A-74/c
; Sequence 74, Application US/09517584A
; Patent No. 6187587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 99, Application US/09
Patent No. 6.187545
GENERAL INFORMATION:
APPLICANT: Robert MCKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsert
                                                                                                                     ; OTHER INFORMATION: Antisense Oligonucleotide US-09-517-584A-74
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; ANTI-SENSE:
US-09-280-805-242
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CURRENT APPLICATION NUMBER: US/09/488,671A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 99
LENGTH: 20
TYPE: DNA
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Best Local Similarity 80.v
                                                           Matches
                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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APPLICANT:
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                                                                                                                                                                                                                 FILE OF INVENTAGE.

FILE REFERENCE: RTS-0121

CURRENT APPLICATION NUMBER: US/09/517,584A

CURRENT FILING DATE: 2000-03-22

CURRENT FILING DATE: 89
                                                                                                                                                                                                                                                                    APPLICANT: Vickie L. Brow
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: AN
FILE REFERENCE: RTS-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4578 TGTGTGTTCGGAGGGGTGAA 4597
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                             GCAGGGTGTATGGGACGGTG
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                                                                       0.3%;
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                                                                                                                                                                                                                                                                                    ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
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                                                                       Score 13.6; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.
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Pred. No. 1.3e+03;
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                                                                                    DB 1; Length 20;
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PATENT NO. 6214800

PATENT NO. 6214800

GENERAL INFORMATION:

APPLICANT: Krieg, Arthur M.

APPLICANT: Schwartz, David A.

TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING

TITLE OF INVENTION: UNMETHYLATED CPG DINUCLEOTIDE IN

TITLE OF INVENTION: LPS-ASSOCIATED DISORDERS

TO DEFERENCE: C1039/7011
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                                S
                                                                                                                                               ; ORGANISM: Artificial Sequence ; FEATURE: OTHER INFORMATION: synthetic oligonucleotide US-09-030-701-58
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US-08-738-652-8
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                                                                                                                                                                                                                                        SOFTWARE: F
SEQ ID NO 58
LENGTH: 20
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APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules
FILE REFERENCE: C1039/7004 HCL
CURRENT APPLICATION NUMBER: US/08/738,652B
CURRENT FILING DATE: 1996-10-30
EARLIER APPLICATION NUMBER: US 08/276,358
EARLIER FILING DATE: 1994-07-15
EARLIER APPLICATION NUMBER: US 08/386,063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 58, App---
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 8
LENGTH: 20
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Best Local (
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                                                                       Matches
                                                                                                            Query Match
                                                                     Best Local Similarity Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: C1039/7011
CURRENT APPLICATION NUMBER: US/09/030,701B
CURRENT FILING DATE: 1998-02-25
CURRENT FILING DATE: 60/039,405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1997-02-28
                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                          TYPE: DNA
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                                  1357 TGCACGAGGGTCCTGAGTCT 1376
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TCCATGAGCTTCCTGAGTCT 20
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                                                                       Conservative :
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80.0%;
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Pred. No. 1.3e+03;
0; Mismatches 4;
                                                                                          Score 13.6; DB 1;
Pred. No. 1.3e+03;
                                                                       Mismatches
                                                                                                          Length
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RESULT 1473 US-09-286-098-103

Sequence 103, Application Patent No. 6218371 GENERAL INFORMATION:

US/09286098

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APPLICANT: Weiner, George
TITLE OF INVENTION: Methods and Products for Stimulating the
TITLE OF INVENTION: Immune System Using Immunotherapeutic Oligonucleotides and
TITLE OF INVENTION: Cytokines
FILE REFERENCE: C1039/7026/HCL
CURRENT APPLICATION NUMBER: US/09/286,098
CURRENT FILING DATE: 1999-04-02
EARLIER APPLICATION NUMBER: US 60/080,729
EARLIER APPLICATION NUMBER: US 60/080,729
EARLIER FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 105
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 103
T TNOTHL 20
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                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/855,910
FILING DATE: 14-MAY-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David B.
REGISTRATION NUMBER: CP195-08
REFERENCE/DOCKET NUMBER: CP195-08
TELEPHONE: (781) 861-6240
TELEPHONE: (781) 861-6240
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Best Local Similarity 80.0%;
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-09-286-098-103
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APPLICANT: Tao, J
                                      TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ENTEROCOCCAL AMINOACYL-tRNA SYNTHETASE
TITLE OF INVENTION: PROTEINS, NUCLEIC ACIDS AND STRAINS COMPRISING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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    STRANDEDNESS
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H: 20 base pairs nucleic acid DEDNESS: single
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Pred. No. 1.3e+03;
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US-09-063-667-13/c
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                                                          ; OTHER INFORMATION: Synthetic US-09-313-932-315
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 1476
                                                                                                                                              APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1SPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 315
LENGTH: 20
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Matches
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SEQ ID NO 13
LENGTH: 20
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Best Local Similarity
Query Match
Best Local Similarity
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Best Local
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CURRENT FILING DATE: 1998-04-21
BARLIER APPLICATION NUMBER: 60/046,147
EARLIER FILING DATE: 1997-05-09
EARLIER APPLICATION NUMBER: 60/044,492
EARLIER FILING DATE: 1997-04-21
NUMBER OF SEQ ID NOS: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: HAUSWIRTH, WILLIAM W.
APPLICANT: DRENSER, KIMBERLY
TITLE OF INVENTION: MATERIALS AND METHODS FOR RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 4300.011500
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                                                                                            FEATURE:
                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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80.0%; Pred. No. 1.3e+03
  0.3%;
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  Score 13.6;
Pred. No. 1
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                    DB 1;
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                  Length
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                    20;
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US-09-313-932-425/c
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LENGTH: 20
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanbhan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/313,932A CURRENT FILING DATE: 1999-05-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: ISPH-0356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Baker, Brenda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP JI
FILING DATE: 18-JUN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: CHIHARA, Kazuo
TITLE OF INVENTION: MUTANT HUMAN GROWTH HORMONES AND THEIR
TITLE OF INVENTION: USES
               FILING DATE: 18-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                   STREET: The Jenii
CITY: Washington
NAME: Player, Willia REGISTRATION NUMBER:
                                                                                                                                              CLASSIFICATION:
                                                                                                                                                             APPLICATION NUMBER: US/08/800,215C FILING DATE: 12-FEB-1997
                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                              APPLICATION NUMBER: JP JP/178643/96
                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
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The Jenifer Building, 400 Seventh St. N.W.
                                                                                                                                                                                                                                                                                                            USA
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80.0%; Pred. No. 1.
                                                                                                              JP JP/50940/96
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Sequence 28, App-
Sequence 28, App-
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TELEFAX: 202-393-3500 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: nucleic acid
                                                                     Query Match
Best Local Similarity
Matches 16; Conser
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Best Local Similarity 80.0
Matches 16; Conservative
                                                                                                                                                                                                                                                       TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: Loren
APPLICANT: Graham
                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: herewith
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRE
NUMBER OF SEQUENCES: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                   TYPE: Nucleic Acid
STRANDEDNESS: Sing
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TELEFAX: 202-393-5350
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                                4386 CAGCGCCGATTTGAGGGTGG 4405
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CAGTGGCGATTGGAGGGTAG 1
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                                                                                                                                                                                                                                      20 base pairs
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                                                                       Conservative
                                                                                                                                                                  Yes
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                                                                     0.3%; Score 13.6; DB 1
80.0%; Pred. No. 1.3e+03
tive 0; Mismatches
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Pred. No. 1.3e+03
0; Mismatches
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Patent No. 6239116
GENERAL INFORMATION:
APPLICANT: Krieg et al.,
                                                                                                                                                                                                                                                                                                         09-021-701-1040
                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Shanno:
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SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                         tent No.
                                                                                                              TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
                                                                                                                                                                         APPLICANT:
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MEDIUM TYPE: Floppy disk
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                                                                                                 CORRESPONDENCE ADDRESS
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STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII text
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: U.S. Serial No. 6239116 08/738,652 FILING DATE: October 30, 1996 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/960,774 FILING DATE: 30-October-1997 CLASSIFICATION: 514
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ZIP: 92037
                                                CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
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COUNTRY: U
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4225 Executive Square, Suite 1400
                                                                 E: Records Manager, Legal Department, Hewlett-Packard Company M/S
3000 Hanover Street
                                                                                                                                              Delenstarr, Glenda C.
Webb, Peter G.
Kincaid, Robert H.
VENTION: Methods for evaluating oligonucleotide
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                                                                                                                                                                                                                 Shannon, Karen V
Wolber, Paul K.
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                                                                                                                   probe sequences
                                                                                                                                                                                                                                       Karen W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
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Pred. No. 1.3e+03;
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RESULT 1482
US-09-183-846A-9
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APPLICANT: Richar
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                                                             INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: OBter, Jeffrey B.
REGISTRATION NUMBER: 32,585
                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: cl
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                               SEQUENCE CHARACTERISTICS:
                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 206 628 7711
                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                            COMPUTER: PC compatible OPERATING SYSTEM: Windows95
                                                                                                                                                                                        APPLICATION NUMBER: US
FILING DATE: 10/30/98
CLASSIFICATION:
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STATE:
                                                                                                                                                                                                                                                                                                                                                                                           STREET:
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CLASSIFICATION:
                                                                                                                             REFERENCE/DOCKET NUMBER:
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STRANDEDNESS:
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Similarity 80.0%;
 nucleic acid
EDNESS: single
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Pred. No. 1.
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RESULT 1485
US-09-487-368A-42
; Sequence 42, Application US/09487368A
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US-09-487-445-76
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APPLICANT: HOX COMBET.
APPLICANT: LEX M. COWBET.
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE FILE REFERENCE: RTS-0107
CURRENT APPLICATION NUMBER: US/09/487,445
CURRENT FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 129
LENGTH: 20
LENGTH: 20
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APPLICANT: HONG Zhang
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
FILE REFERENCE: RTS-0107
CURRENT FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 76
SEQ ID NO 76
                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 129, Application US/09487445 Patent No. 6258600 GENERAL INFORMATION:
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Patent No. 6258600
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Best Local Similarity
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Best Local Similarity
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Best Local
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TYPE: DNA
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Local Similarity 80.0%;
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80.0%; Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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US-09-428-583-24/c
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US-09-487-368A-163/c
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Best Local Similarity 80.0
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SEQ ID NO 42
LENGTH: 20
TYPE: DNA
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APPLICANT: Lex
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTI-
FILE REFERENCE: RTS-009:
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   OTHER INFORMATION: Antisense Oligonucleotide
                   FEATURE:
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NUMBER OF SEQ ID NOS: 240
SEQ ID NO 163
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                               CURRENT APPLICATION NUMBER: US/09/428,583
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 24
LENGTH: 20
                                                                                                                                                                                                                                                                                                     Sequence 24, Application US/09428583
Patent No. 6271029
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-2 1
FILE REFERENCE: RTS-0096
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Best Local Similarity 80.0%;
Matches 16; Conservative
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CURRENT APPLICATION NUMBER: US/09/487,368A
CURRENT FILING DATE: 2000-01-18
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TYPE: DNA ORGANISM: Artificial Sequence
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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US-09-593-711A-157/c
; Sequence 157, Application US/09593711A
; Patent No. 6271030
RESULT 1490
US-09-593-711A-189/c
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                                                                                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide US-09-593-711A-157
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APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butle
APPLICANT: Jacqueline Wyatte
                                                                                                                                                                                                                                                         FILE REFERENCE: RTS-0118
CURRENT APPLICATION NUMBER: US/09/593,711A
CURRENT FILING DATE: 2000-66-14
NUMBER OF SEQ ID NOS: 244
SEQ ID NO 157
LENGTH: 20
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LENGTH: 20
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CURRENT FILING DATE: 2000-06-14
NUMBER OF SEQ ID NOS: 244
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                   Local Similarity 80.0%;
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nes 16; Conserv
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                                                                                        3916 CCCCGACGCCGCCGCCCCG 3935
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Madeline M. Butler
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VENTION: ANTISENSE MODULATION
                                                                                                                      Conservative
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Pred. No. 1.
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Pred. No. 1.3e+03;
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US-09-214-278-20
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                                                                                                                        Sequence 24, Application US/09467642
Patent No. 6300132
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
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APPLICANT: Sakano, Seiji
APPLICANT: Itoh, Akira
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Best Local Similarity 80.0%;
Matches 16; Conservation
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SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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SEQ ID NO 189
LENGTH: 20
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SEQ ID NO 24
LENGTH: 20
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APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
                                 TITLE OF INVENTION: ANTISENSE MODULATION FILE REFERENCE: RTS-0106 CURRENT APPLICATION NUMBER: US/09/467,642 CURRENT FILING DATE: 1999-12-20 NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: KP-8576
CURRENT APPLICATION NUMBER: US/09/214,278
CURRENT FILING DATE: 1999-01-26
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FILE REFERENCE: KP-
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CURRENT FILING DATE: 2000-06-14
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Pred. No. 1.3e
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Pred. No. 1.3e+03;
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US-09-467-642-52
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                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-09-467-642-52
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
FILE REFERENCE: RTS-0.106
CURRENT APPLICATION NUMBER: US/09/467,642
CURRENT FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 52
LENGTH: 20
                                                            Best Loc
Matches
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CURRENT APPLICATION NUMBER: US/09/467,642
CURRENT FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 32
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                           Sequence 52, Applicate Patent No. 6300132 GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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Best Local
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APPLICANT: Lex M. Cowsert
                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Antisense Oligonucleotide
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                           5050 TGAAATAGTGCAGCCTTTTC 5069
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16; Conser
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Pred. No. 1.3e+03;
                                                                         Score 13.6;
Pred. No. 1.
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Pred. No. 1
                                                            Mismatches
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RESULT 1495

US-09-593-589-37

/ Sequence 37, Applicat:
/ Patent No. 6306655
/ GENERAL INFORMATION:

Application US/09593589

APPLICANT:

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                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: January 20, 1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 039,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: APPLICATION DATA:
                                                                                                                                                                                                                                                                                 TELEFAX: (609) 810-1454 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                    TOPOLOGY: Lin
ANTI-SENSE: Yes
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SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,490A
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CORRESPONDENCE ADDRESS:
ADDRESSEB: Law Office of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: August 14, ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: DISKETT
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                                                                0.3%;
Local Similarity 80.0%;
nes 16; Conservation
                                                                                                                                                                                                                                                                                                                                                          NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                       STRANDEDNESS: Single
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CITY: Marlton
                                                                                                                                                                                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                            LENGTH:
                                 3161 CACCAGCCACGACCCCATGA 3180
20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 08053
                                                                                                                                                                                                                         Nucleic Acid
CACAAGCCACGCCTCCCTGA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Bennett and Mirabelli
VENTION: Oligonucleotide Modulation
VENTION: of Cell Adhesion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IBM PS/2
                                                                                                                                                                                       Linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                  567,286
t 14, 1990
                                                                                                                                                                                                                                                                                                                                                                     32,257
                                                                        <u>,</u>
                                                                                                                                                                                                                                                                                                                                                              ISPH-0268
                                                                                         Score 13.6; DB 1;
Pred. No. 1.3e+03;
                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STORAGE
                                                                                                           Length 20;
                                                                          Indels
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                                                                      Gaps
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APPLICANT: Philip .....
APPLICANT: Nicholas Dean
APPLICANT: Nicholas Dean
APPLICANT: Olenn Hoke
TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
TITLE OF INVENTION: WHICH MODULATE LINKAGES OF HIGH CHIRAL PURITY AND
TITLE OF INVENTION: WHICH MODULATE AI, aII, , k, n, AND ISOFORMS OF
TITLE OF INVENTION: PROTEIN KINASE C
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: John W. Caldwell (28,937) Woodcock
ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  밁
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 37
LENGTH: 20
                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/481,066
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,129
FILING DATE: 06-JUN-1995
PRIOR APPLICATION UNMBER: US 08/469,851
APPLICATION NUMBER: US 08/469,851
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/593,589
CURRENT FILING DATE: 2000-06-13
NUMBER OF SEQ ID NOS: 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP ALPHA EXPRESSION
FILE REFERENCE: RTS-0119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
APPLICATION NUMBER: US 07/089,996
FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/058,023
FILING DATE: 05-MAY-1993
                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/468,569
FILING DATE: 06-JUN-1995
                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: her CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/829,637A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                herewith
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.3%; Score 13.6; DB 1;
80.0%; Pred. No. 1.3e+03;
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; TOPOLOGY: line
; ANTI-SENSE: yes
US-08-829-637A-113
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Patent No. 6346392
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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APPLICANT: Burnha
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
PILING DATE: 15-OCT-19
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 07/566,9//
FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
FILING DATE: 11-JAN-1990
FILING DATE: 11-JAN-1990
                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/919,573
                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Dechert Price & Rhoads
STREET: 997 Lenox Drive, Building
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 11-JAN-PRIOR APPLICATION DATA:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT Allen
                                                                FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: ISIS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                      STREET: 99/ LC...
CITY: Lawrenceville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 16-OCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                MEDIUM TYPE:
                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1668 CTCCTGCAGCAGATGAAGAA 1687
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Similarity 80.0%;
                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                                                                                             Burnham, Martin, Karl Russel
VENTION: NOVEL GLUTAMINE TRANSPORT
VENTION: ATP-BINDING PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                Diskette
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Pred. No. 1.3e+03;
                                                                                                                                                                                                                                                                                                                                       3, Suite 210
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GENERAL INFORMATION:

APPLICANT: Li, Xiao-Jiang

APPLICANT: Li, Shi-Hua

TITLE OF INVENTION: Huntington Disease Cellular Model:

TITLE OF INVENTION: Stably Transfected PC12 Cells Express:

FILE REFERENCE: 5543-14

CURRENT APPLICATION NUMBER: US/09/596,938

CURRENT FILING DATE: 2000-06-19

PRIOR APPLICATION NUMBER: 60/140.018

PRIOR FILING DATE: 1999-06-18

NUMBER OF SEQ ID NOS: 15

SOFTWARE: FastSEQ for Windows Version 3.0
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US-09-556-031-12/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: Weston and Hiller CURRENT APPLICATION NUMBER: US/09/556,031 CURRENT FILING DATE: 200-04-20 PRIOR APPLICATION NUMBER: 60/131,068 PRIOR FILING DATE: 1999-04-26 NUMBER OF SEQ ID NOS: 24 SOFTWARE: Patentin Ver. 2.1 SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                         Sequence 13, Application US/09596938 Patent No. 6355481
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Weston, Brent W.
APPLICANT: Hiller, Kara B.
TITLE OF INVENTION: Antieense Fucosyltransferase Sequences and Methods of
TITLE OF INVENTION: Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:antisense OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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REFERENCE/DOCKET NUMBER: P5
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-520-3214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                    4612 CAGTGCCCTCCTGGAGTGAG 4631
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Pred. No. 1.3e+03
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Pred. No. 1.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
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                                                                                                                                          Expressing Mutant Huntingtin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-638-509C-17; Sequence 17, App
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-662-250A-51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 1502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-662-250A-51
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                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/638,509C CURRENT FILING DATE: 2000-08-11 PRIOR APPLICATION NUMBER: 60/148,530 PRIOR FILING DATE: 1999-08-12 NUMBER OF SEQ ID NOS: 35 SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 51
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                 AFFLICANT: Kaslow, Richard A.

TITLE OF INVENTION: Methods of Surveying For CC (Beta) Chemokine
TITLE OF INVENTION: Receptor Variants and Their Association With HIV-1
TITLE OF INVENTION: Transmission and/or Disease Progression
FILE OFFERENCE: D6217
CURPENT ADDRESS: D6217
                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No. 6372435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/662,250A CURRENT FILING DATE: 2000-09-14 NUMBER OF SEQ ID NOS: 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE:
FEATURE: NAME/KEY: primer bind OTHER INFORMATION: CCR5-SP4G, primer used OTHER INFORMATION: polymorphism in CCR2b, OTHER INFORMATION: promoter region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                           ENGTH: 20
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Local Similarity 80.0%;
hes 16; Conservative (
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ilarity 80.0%;
Conservative (
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Pred. No. 1.3e+03;
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Pred. No. 1.
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                       for typing major CCR5 and the CCR5 downstream
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RESULT 1505
US-09-702-246-68
; Sequence 68, Application US/09702246
; Patent No. 6383809
; GENERAL INFORMATION:
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Patent No. 6372492
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0199
CURRENT APPLICATION NUMBER: US/09/702,251
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
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                                                                                                                                                                                                                                                     US-09-732-199A-56
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0214
CURRENT APPLICATION NUMBER: US/09/732,199A
CURRENT APPLICATION NUMBER: US/09/732,199A
CURRENT FILING DATE: 2000-12-06
NUMBER OF SEQ ID NOS: 57
SEQ ID NO 56
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                  OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                    FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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                                                                                                                                                                                                     Local Similarity
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                                                                                                                          TCGGGGAATTCAGCAGAAAA 1
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Pred. No. 1.3e+03;
0; Mismatches 4;
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Pred. No. 1.3e+03;
0; Mismatches 4;
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Pred. No. 1
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                                                                                                                                                                                                                    Length 20;
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                                                            US-09-167-109-53/c
; Sequence 53, Application US/09167109
; Patent No. 6399297
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                                                                                                           RESULT 1507
                                            GENERAL INFORMATION:
              APPLICANT: Baker, Brenda F APPLICANT: Cowsert, Lex M.
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; OTHER INFORMATION: DNA primer US-09-446-821A-9
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                                                                                                                                             SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                          Matches
                                                                      Query Match
Best Local (
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APPLICANT:
APPLICANT:
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APPLICANT:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                       PRIOR FILING DATE: 19
NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
                                                                                                                                                                                                                                                                                                                                          APPLICANT: Elliott, Adrian R.
TITLE OF INVENTION: PLANT AND VIRAL PROMOTERS
FILE REFERENCE: CULLN27.001apc
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/AU98/0
PRIOR PILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: AU PO7593
PRIOR FILING DATE: 1997-06-26
                                                                                                                                                                                                                                                                                                              FILE REFERENCE: CULLN27.001APC
CURRENT APPLICATION NUMBER: US/09/446,821A
CURRENT FILING DATE: 2000-04-17
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TYPE: DNA
ORGANISM: Artificial Sequence
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               4740 CGGGTTCCGGCATGGCTAGG 4759
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o. 6391639
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20 CGGCTTCCCGCATCGTTAGG 1
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                                                                      h 0.3%;
Similarity 80.0%;
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Remy, Serge
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Lex M. Cowsert
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Geering, Andrew D.W
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                                                                                                                                                                                                                                                                                                                                                                                                            Thomas,
                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                              John E.
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                                                                                                                                                                                                                                                                                                   PCT/AU98/00493
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                                                                      Score 13.6;
Pred. No. 1
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Pred. No. 1.3e+03;
                                                          Mismatches
                                                                        .3e+03
                                                                                        DB
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                                                                                      Length 20;
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                                                          Indels
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-798-096-56
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US-09-798-096-56/c
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CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 53
LENGTH: 20
                                                                                    SEQ ID NO 56
LENGTH: 20
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                                                                                                                                                                                                                                                                      Sequence 56, Application US/09798096 Patent No. 6399378
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Best Local Similarity
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Best Local Similarity
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OTHER INFORMATION: Antisense Oligonucleotide
-09-798-996-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/798,096
CURRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 89
                                                                                                                       FILE REFERENCE: RTS-0207
CURRENT APPLICATION NUMBER: US/09/798,096
CURRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                             APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECOL2 EXPRESSION
FILE REFERENCE: RTS-0207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: ISPH-0321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                ORGANISM: Artificial Sequence
                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20
TYPE: DNA
                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                  601 TGCGTGCCAGCGAGTCCATC 620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          205 GCTGGCAAGAAAGCCGCGGC 224
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               16;
                                                                                                                                                                                                                                                                                                                                                                                TGCGTGCCATCAAGCCCAGC 20
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llarity 80.0%;
Conservative
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Pred. No. 1.3e
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 13.6;
Pred. No. 1.
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RESULT 1511
US-08-949-344C-44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-798-096-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 44, Application US/08949344C Patent No. 6406846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Wa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 79,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                 COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS
SOFTWARE: TEXT WITH LINE TERMINATION
SOFTWARE: TEXT WITH LINE TERMINATION
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/949,344C
FILING DATE:
CLASSIFETCATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: ANTISENSE MODULATION OF RECOL2 EXPRESSION FILE REFERENCE: RTS-0207
CURRENT APPLICATION NUMBER: US/09/798,096
CURRENT FILING DATE: 2001-03-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION
TELEFAX: (412) 621-8640 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                                                                                                                              STREET: 425 ....
STREET: 425 ....
CITY: PITTSBURGH
CTATE: PENNSYLVANIA
                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: MACINTOSH 2.5 INCH FLOPPY DISC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: WHITCOME TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                    TELECOMMUNICATION INFORMATION
                                                                                        CLASSIFICATION:
                                                    TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1650 AGAGAAGGCTTCTGCCAGCT 1669
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                                                                                                                                                                                                                                                                                                                                                                                    E: ANSEL M SCHWARTZ, ATTORNEY AT LAW 425 NORTH CRAIG STREET, SUITE 301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WHITCOMB, DC
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ilarity 80.0%;
Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           A METHOD FOR DETERMINING WHETHER A HUMAN PATIENT IS SUSCEPTIBLE TO HEREDITARY PANCREATITIS AND PRIMERS
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                     44:
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Pred. No. 1.3e+03;
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Pred. No. 1.
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TISSUE TYPE: BLACELL TYPE: LEUK
CELL LINE: N/A
CELL LINE: NUCL
ORGANELLE: NUCL
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PUBLICATION INFORMATION:
AUTHORS: Whitcomb DC, Gorry MC, Preston RA,
AUTHORS: Ulrich CD, Martin SP, Gates Jr LK,
AUTHORS: UOMO G, POST JC, EHRLICH GD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: 7q35
MAP POSITION: 157 CM FROM THE TOP OF CHROMOSOME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: yes
FRAGMENT TYPE: NA
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: GE
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                  PUBLICATION DATE: 15-10-96
RELEVANT RESIDUES IN SEQ ID NO: NA
RUTHORS: Gorry MC, Gabbaizedeh D, Furey W, Gates Jr LK, Preston
AUTHORS: Aston CE, Zhang Y, Ulrich C, Ehrlich GD, Whitcomb DC
TITLE: Multiple Mutations in the Cationic Trypsinogen Gene are
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Mutations in trypsinogen are associated with OTHER INFORMATION: phenotype of recurrent acute pancreatitis, clother information: increased risk for pancreatic cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: GENBANK LOCUS U66061

IDENTIFICATION METHOD: Comparison of DNA sequences and/or restriction

IDENTIFICATION METHOD: enzyme digestion patterns of experimentally determined fr

IDENTIFICATION METHOD: reaction of genomic DNA from patients with hereditary pan

IDENTIFICATION METHOD: sequence in GenBank locus U66061.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  JOURNAL:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                DATE: 6 21 96
DOCUMENT NUMBER:
                                                                                                                                     RELEVANT RESIDUES IN SEQ ID NO: NA AUTHORS: Rowen, L, Koop BF, Hood L. TITLE: The complete 685-kilobase DTITLE: receptor locus
                                                                                                                                                                                                                                                                                                                                                              JOURNAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DOCUMENT NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LIBRARY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM:
                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                               DOCUMENT NUMBER: NA
                                                                                                                    JOURNAL:
                                                                                                                                                                                                                     PUBLICATION DATE:
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                                                                            SSUE:
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DATE:
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                                                                            5269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Hereditary pancreatitis is caused by a mutation in the cationic trypsinogen gene
                                                                                                                                                                                                                                                                                                                                                                                     Associated with
                                                           1755-1762
                                                                                                                                                                                                                                                                                                     1063-1068
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                                                                                                                      Science
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Nature Genetics
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                   MEDLINE 96256474
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GERM-LINE
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                                                                                                                                                                                                NA
                                                                                                                                                        DNA sequence
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Amann ST,
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                                                                                                                                                          the
                                                                                                                                                          human
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Toskes, PP, LIDDLE
                                                                                                                                                          beta
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GENERAL INFORMATION:

APPLICANT: Quax, Wilhelmus J.

APPLICANT: Kerkman, Richard

APPLICANT: Kerkman, Richard

APPLICANT: Kerkman, Richard

APPLICANT: Korkman, Richard

APPLICANT: Korkman, Richard

APPLICANT: Broekhuizen, Cornelis P.

TITLE OF INVENTION: No. 6410262el Secretion Factors for

TITLE OF INVENTION: Gram-Positive Microorganisms Genes Enc.

TITLE OF INVENTION: of Using It

FILE REFERENCE: GCX322-US

CURRENT APPLICATION NUMBER: US/08/981,527A

CURRENT APPLICATION NUMBER: US/08/981,527A

CURRENT FILING DATE: 1997-12-16

PRIOR APPLICATION NUMBER: OT-05

NUMBER OF SEQ ID NOS: 20
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US-08-098-942C-17/c
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US-08-981-527A-3/c
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SEQ ID NO 3
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                      Sequence 17, Application US/08098942C Patent No. 6410322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Robinson
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: degenerate primer based
OTHER INFORMATION: sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                COMPUTER READABLE FORM:
                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1
                                                                                                                                                 STREET: 10 S. 1
CITY: Chicago
STATE: Illinoi:
                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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RELEVANT RESIDUES
RELEVANT RESIDUES
                                 SOFTWARE:
                                                                                                                                 COUNTRY: U.S.A.
                                                                                                                                                                                                    ADDRESSEE:
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    Application US/08981527A
    6410262

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                                                                                                                 60606
              ARE: PatentIn Release #1.0, Version APPLICATION DATA:
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Similarity 50.0%;
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                                                                                                                                                                               B: Michael S. Greenfield
10 S. Wacker Drive Suite 3000
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                                                                                                                                                                                                                                                                                    Robinson,
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IN SEQ
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                                                                                                                                                                                                                                                                      Antisense
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US/08/098,942C
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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US-08-961-578C-9
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Best Local S
Matches 16
                                                                                                     Sequence 9, Application US/08961578C Patent No. 6413939
GENERAL INFORMATION:
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APPLICANT: C. Frank Bennett
APPLICANT: ANDREW T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSIFILE REFERENCE: RTS-0216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 128, Application US/09844634 Patent No. 6410324
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Matches '16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (312)715-1234
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20
                CORRESPONDENCE ADDRESS:
ADDRESSEE: THE PICOWER INSTITUTE FOR MEDICAL RESEARCH
                                          APPLICANT: Bucala, Richard J. et al.
TITLE OF INVENTION: Cancer Treatment Assay Using the Warberg Effect
NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (312)715-1000
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NAME: Greenfield, Michael S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc feature LOCATION: 1..20
OTHER INFORMATION: /notOTHER INFORMATION: into
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REFERENCE/DOCKET NUMBER: 93,538
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350 Community Drive
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internucleotide linkages"
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Pred. No. 1.3e+03;
0; Mismatches 4
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Pred. No. 1.3e+03;
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Query Match
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Yatches 16; Conservi
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TOPOLOGY: unknown
MOLECULE TYPE: PCR primer
US-08-961-578C-9
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US-09-724-426-26/c
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                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Reed, John
APPLICANT: Reed, John
TITLE OF INVENTION: Regulation of BCL-2 Gene
FILE REFERENCE: 10412-024
CURRENT FILLING DATE: 2000-11-28
RUMBER OF SEQ ID NOS: 29
                                                   Sequence 27, Application US/09724426 Patent No. 6414134 GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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NAME: Oster, Jeffrey B.
REGISTRATION NUMBER: 32,585
REFERENCE/DOCKET NUMBER: 0901
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516 565 9404
TELEPAX: 516 365 7919
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn version 3.0 SEQ ID NO 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 26, Appl
Patent No. 641413
APPLICANT: Reed, John TITLE OF INVENTION: Regulation of BCL-2 Gene Expression FILE REFERENCE: 10412-024
                                                                                                                                                                                                                                                                                                                                     LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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APPLICATION NUMBER: US/08/961,578C
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COMPUTER: PC compatible
OPERATING SYSTEM: Windows95
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Pred. No. 1.3e+03;
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Query Match
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; ORGANISM: Homo sapiens
US-09-724-426-27
                                                                                                                                                                                                                                                                                                                                                                                 RESULT 1519
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-742-703-24/c
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                                                                                               US-09-920-663-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Patrick Allen Marcotte
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/724,426
CURRENT FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn version 3.0
SEQ ID NO 27
LENGTH; 20
                           Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                               Sequence 16, Application US/09920663 Patent No. 6426221
                                                                                                                                                                                      SEQ ID NO 16
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LENGTH: 20
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                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/920,663
CURRENT FILING DATE: 2001-08-01
                                                                                                                                                                                                                                                    APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF RIP2 EXPRESSION
FILE REFERENCE: RTS-0233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/742,703
CURRENT FILING DATE: 2000-12-20
NUMBER OF SEQ ID NOS: 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE:
                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
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                                                                                                                                      LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                          FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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nes 16; Conserv
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 2189 CCGGTTCCTGGCCCTGGGCG 2208
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                                             Score 13.6; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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                                                         DB 1;
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APPLICANT: Krieg, Arthur M.

APPLICANT: Hartmann, Gunther

TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules

TITLE OF INVENTION: for Activating Dendritic Cells

FILE REFERENCE: C1039/7017

CURRENT APPLICATION NUMBER: US/09/191,170

CURRENT FILING DATE: 1998-11-13

EARLIER APPLICATION NUMBER: US 08/960,774

EARLIER APPLICATION NUMBER: US 08/738,652

EARLIER FILING DATE: 1997-10-30

EARLIER APPLICATION NUMBER: US 08/386,063

EARLIER APPLICATION NUMBER: US 08/386,063

EARLIER APPLICATION NUMBER: US 08/386,063

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EARLIER APPLICATION NUMBER: US 08/386,063

EARLIER APPLICATION NUMBER: US 08/386,063
; FEATURE: ; OTHER INFORMATION: synthetic oligonucleotide US-09-191-170-98
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; OTHER INFORMATION: Primer RO527
US-09-439-261-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   밁
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CURRENT APPLICATION NUMBER: US/09/439,261
CURRENT FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: US 08/833,610
PRIOR FILING DATE: 1997-04-11
PRIOR APPLICATION NUMBER: PCT/US98/07422
PRIOR APPLICATION NUMBER: PCT/US98/07422
PRIOR APPLICATION NUMBER: US 09/227,613
PRIOR APPLICATION NUMBER: US 09/227,613
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 60
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LENGTH: 20
                                                                                                                                                                                                                               SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 98
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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Patent No. 6428990
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                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                             TYPE: DNA
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Leonard, Amanda E.
Huang, Yung-Sheng
VENTION: HUMAN DESATURASE GENE
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Pred. No. 1
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Query Match

Score 13.6;

DB 1;

Length

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Gaps

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RESULT 1523
US-09-792-594-48/c
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US-09-367-750-9/c
                            APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL4 EXPRESSION
FILE REFERENCE: RTS-0209
CURRENT APPLICATION NUMBER: US/09/792,594
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 48
LENGTH: 20
TYPE: NO. 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Brown, Theresa A.
REGISTRATION NUMBER: 32,547
REFERENCE/DOCKET NUMBER: 4147-14-PUS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 863-9700
TELEPAX: (303) 863-9723
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                    Sequence 48, Application US/09792594 Patent No. 6436706
                                                                                                                                                                                                 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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CORRESPONDENCE ADDRESS:
ADDRESSEE: LXR BIOTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kiefer, Michael C.
APPLICANT: Ossina, Natalya K.
TITLE OF INVENTION: Bak PROMOTER EXPRESSION SYSTEM
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TOPOLOGY: lir
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FILING DATE: 07-DEC
CLASSIFICATION: 435
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                  DNA
                                                                                                                                                                                                                                                                                                                                                                  184 CCAGTTGCCAGGAAGGAGAG 203
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07-DEC-1999
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80.0%; Pred. No. 1.3e+03;
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0209
CURRENT FILING DATE: 2001-02-23
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE: ANTISM: Artificial Sequence
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Best Local Similarity
Watches 16; Conserve
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-48
RESULT 1526
US-09-676-610B-64/c
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US-09-792-594-61
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US-09-792-594-61/c
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Patent No. 6436706
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                     SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                              Matches
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Best Local Similarity 80.0
Matches 16; Conservative
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Best Local Similarity
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CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 89
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                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE:
                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3283 TGCCCCTGCACGTGAAGCAG 3302
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                                                                      20 ACATCCGCCAGTTCCTGTCC 1 .
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                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                      ON: ANTISENSE MODULATION OF RECQL4 EXPRESSION RTS-0209
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Pred. No. 1.3e+03;
0; Mismatches 4;
                                                                                                                                                             Score 13.6; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.
                                                                                                                                              Mismatches
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1.3e+03;
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US-09-676-610B-144/c
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                                                                                                                                                                                                                  US-09-791-211-81
                                                                                                                                                                                                                                     RESULT 1528
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Antisense Oligonucleotide US-09-676-610B-64
                                                                          GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0205
FILE REFERENCE: RTS-0205
NUMBER OF SEQ ID NOS:
SEQ ID NO 81
LENGTH: 20
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LENGTH: 20
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SEQ ID NO 64
LENGTH: 20
                                                                                                                                                                               Sequence 81, Appli
Patent No. 6448080
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Matches 16; Conserv
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APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
FILE REFERENCE: RTS-0138
CURRENT APPLICATION NUMBER: US/09/676,610B
CURRENT FILING DATE: 2000-09-29
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CURRENT APPLICATION NUMBER: US/09/676,610B
CURRENT FILING DATE: 2000-09-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
                                                      CURRENT APPLICATION NUMBER: US/09/791,211
CURRENT FILING DATE: 2001-02-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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les 16; Conserv
                                                                                                                                                                                                                                                                                                                   1138 AGAAACTGACCACACTGCTC 1157
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Pred. No. 1.3e
0; Mismatches
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Pred. No. 1.3e+03;
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NUMBER OF SEQ ID NOS: 87
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-08-469-260A-127/c
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US-09-851-062-36
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APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freie
                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 127, Application US/08469260A Patent No. 6451578
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Best Local
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CURRENT FILING DATE: 2001-05-07
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TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
FILE REFERENCE: RTS-0247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                               NUMBER OF SEQUENCES:
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COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0,
                                                                                ZIP: 60064-3500
                                                                                              COUNTRY:
                                                                                                                                                 STREET:
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Similarity 80.0%;
                                                                                                               ABBOTT PARK
                                                                                                                                                                                            INVENTION: NON-A, NON-B. NON-C, INVENTION: REAGENTS AND METHODS SEQUENCES: 716
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                                                                                                                                                                                                                                                                                          JOHN N. SIMONS
TAMI J. PILOT-MATIAS
GEORGE J. DAWSON
GEORGE G. SCHLAUDER
SURESH M. DESAI
THOMAS P. LEARY
ANTHONY SCOTT MUERHOFF
                                                                                                                                                 100 ABBOTT PARK ROAD
                                                                                                                                                                                                                                            JAMES C. ERKER
SHERI L. BUIJK
ISA K. MUSHAHWAR
                                                                                                   USA
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Pred. No. 1
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Pred. No. 1.3e+03;
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FOR THEIR USE
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CURRENT APPLICATION DATA:

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US-09-517-467B-107/c
; Sequence 107, Application US/09517467B
; Patent No. 6451602
                                                                                                                                          US-09-322-409-144/c
                                                                                                                                                           RESULT 1532
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-107
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; MOLECULE TYPE:
US-08-469-260A-127
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APPLICANT: Ian Popoff
APPLICANT: Lex M. COWBERT
APPLICANT: Lex M. COWBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
                                                                                                                                                                                                                                                                           ·Matches
                                                                                                          Sequence 144, Application US/09322409 Patent No. 6471957
                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 107
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                             GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
APPLICANT: Sim, Gek-Kee
APPLICANT: Sim, Gek-Kee
APPLICANT: Yang, Shumin
APPLICANT: Dreitz, Matthew J.
APPLICANT: Wonderling, Ramani S.
APPLICANT: Wonderling, Ramani S.
                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
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TELEPHONE: 708-937-6365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
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REGISTRATION NUMBER: 33
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 708-937-63
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/469,260A
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                                                                                                                                                                                                                                           4586 CGGAGGGGTGAAAGCATTAA 4605
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erR: 5527.PC.01
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Pred. No. 1.
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Pred. No. 1
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EARLIER APPLICATION NUMBER: 60/087,306
EARLIER FILING DATE: 1998-05-29
UNMBER OF SEQ ID NOS: 154
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 144
LENGTH: 20
TYPE: DNA
OTYPE: DNA
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US-09-451-527-144/c
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US-09-918-686-60
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                          Sequence 144, Application US/09451527
Patent No. 6482403
GEMERRAL INFORMATION:
APPLICANT: Sim, Gek-Kee
APPLICANT: Yang, Shumin
APPLICANT: Ureitz, Matthew J.
APPLICANT: Wonderling, Ramani S.
TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
FILE REFERENCE: IM-2-C2
CURRENT APPLICATION NUMBER: US/09/451,527
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Best Local Similarity
Matches 16; Conserv
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 60
LENGTH: 20
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Matches 16; Conserv
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CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
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APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
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CURRENT FILING DATE: 1999-12-01
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ORGANISM: Artificial Sequence
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OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Primer
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ilarity 80.0%;
Conservative
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Pred. No. 1.3e+03;
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Pred. No. 1
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RESULT 1536
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US-09-920-668-30
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                                                                              APPLICANT: Lex M. Cowsert
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION
FILE REFERENCE: RTS-0246
CURRENT APPLICATION NUMBER: US/09/920,668
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 39
LENGTH: 20
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Patent No. 6482644
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LENGTH: 20
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Best Local Similarity
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APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION
PILE REFERENCE: RTS-0246
CURRENT APPLICATION NUMBER: US/09/920,668
CURRENT FILING DATE: 2001-08-01
-09-920-668-39
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EARLIER FILING DATE: 1999-05-28
EARLIER FILING DATE: 1998-05-29
NUMBER OF SEQ ID NOS: 174
SOFTMARE: Patentin Ver. 2.0
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ORGANISM: Artificial Sequence
                                ORGANISM: Artificial Sequence FEATURE:
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                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
            OTHER INFORMATION: Antisense Oligonucleotide
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16; Conserv
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Pred. No. 1.
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Pred. No. 1.3e+03;
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L.3e+03;
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; OTHER INFORMATION: AntiBense Oligonucleotide
US-09-733-294A-38
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SEQ ID NO 38
LENGTH: 20
TYPE: DNA
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SEQ ID NO 33
LENGTH: 20
                                                                            Query Match
Best Local Similarity
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Best Local Similarity
Matches 16; Conserv
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                                                               Matches
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                                                                                                                                                                                                                                                      CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-05-16
                                                                                                                                                                                                                                                                                                                                                 APPLICANT: William Gaarde
APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Edward V. Wancewicz
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PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-05-16
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CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-12-07
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APPLICANT: William Gaard
APPLICANT: Susan M. Frei
APPLICANT: Edward V. Wan
                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-12-07
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TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
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                                                               Conservative
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US-09-658-688A-12

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LENGTH: 20
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LENGTH: 20
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                                                                                                                                                                                                                                              APPLICANT: ROBERT MCKAY
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
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TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
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                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                        TYPE: DNA
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Brett P. Monia
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Pred. No. 1.3e+03;
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Pred. No. 1.
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RESULT 1541

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SEQ ID NO 44
LENGTH: 20
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SEQ ID NO 12
LENGTH: 20
TYPE: DNA
                                                                           GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Jacqueline
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                                                                                                                               Sequence 29, Application US/09898361 Patent No. 6503152
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/658,688A
CURRENT FILING DATE: 2000-09-08
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CURRENT APPLICATION NUMBER: US/09/658,688A
CURRENT FILING DATE: 2000-09-08
                                              APPLICANT: Jacqueline Wyatt TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR TITLE OF INVENTION: EXPRESSION
            FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
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CURRENT FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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William Gaarde
Brett P. Monia
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VENTION: ANTISENSE MODULATION OF MEKK3 EXPRESSION
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VENTION: ANTISENSE MODULATION OF MEKK3 EXPRESSION
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Pred. No. 1.
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Best Local (
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LENGTH: 20
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Patent No. 6503152
GENERAL INFORMATION:
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LENGTH: 20
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                                                                                                                                                                 APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0135
CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 174
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                                                               ·09-657-346A-83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SUSAN MURRAY
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: RTS-0158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ
                                                                                            TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
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OTHER INFORMATION: Antisense Oligonucleotide
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                                                                              OTHER INFORMATION: Antisense Oligonucleotide
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   Local Similarity
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nes 16; Conserv
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                Score 13.6; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
0; Mismatches 4;
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Pred. No. 1.
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   Mismatches
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                              Length 20;
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                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: GB 9903035.5
PRIOR FILLING DATE: 1999-02-10
PRIOR PELICATION NUMBER: GB 9814545.1
PRIOR FILLING DATE: 1998-07-03
PRIOR FILLING DATE: 1998-06-05
PRIOR FILLING DATE: 1998-06-05
PRIOR PELICATION NUMBER: GB 9803447.3
PRIOR FILLING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: GB 9803446.5
PRIOR APPLICATION NUMBER: GB 9803446.5
PRIOR FILLING DATE: 1998-02-18
                                                                                                                                           NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
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SEQ ID NO 233
LENGTH: 20
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APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
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                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTIN: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN FILE REFERENCE: RTS-0127
CURRENT APPLICATION NUMBER: US/09/668,313A
CURRENT FILING DATE: 2000-09-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Seabra, Laurence Anthony
TITLE OF INVENTION: METHODS FOR DETERMINING CHEMOSENSITIVITY OF CANCER CELLS
TITLE OF INVENTION: EXPRESSION OF NEGATIVE AND POSITIVE SIGNAL TRANSDUCTION
FILE REFERENCE: 1417-188
                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/622,277
CURRENT FILING DATE: 2000-10-25
CRICK APPLICATION NUMBER: PCT/GB99/00500
PRIOR FILING DATE: 1999-02-18
                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                               OTHER INFORMATION: PCR and DNA sequencing primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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cal Similarity 80.0%;
16; Conservation
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0.3%; Score 13.6; DB 1; 80.0%; Pred. No. 1.3e+03;
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Pred. No. 1
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                     Length 20;
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US-09-661-596A-59
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GENERAL INFORMATION:
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Best Local (
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APPLICANT: Santos, Richard
APPLICANT: Santos, Richard
TITLE OF INVENTION: VARIANT VARICELLA-ZOSTER VIRUSES AND METHODS OF USE
FILE REFERENCE: 140.0011 0.101
CURRENT APPLICATION NUMBER: US/09/661,596A
CURRENT FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: US 60/153,779
PRIOR PLING DATE: 1999-09-14
NUMBER OF SEQ ID NOS: 80
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOSTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Muthuswami, Rohini
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TARGETING DNA METABOLIC PROCESSES USING
                                                        APPLICATION NUMBER: U.S. 60/063,898 FILING DATE: 31-OCT-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                           APPLICATION NUMBER: US/09/722,825
FILING DATE: 28-No. 6531306-2000
CLASSIFICATION: cUnknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                  COMPUTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                  NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
                                                                                                                   APPLICATION NUMBER: 09/179,558 FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                         TER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10036-2711
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NUMBER: 9426-005-999
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Pred. No. 1.
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US-09-422-978-9967
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GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING.DATE: 1999-10-20
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SEQ ID NO 7748
                                                                                                                                                  Sequence 9967, Application US/09422978 Patent No. 6537751
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EARLIER FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: US 60/082,614
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NAME/KEY: primer_bind
LOCATION: 1..20
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INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: upstream amplification primer 99-21939 for SEQ 3814,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20
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mes 16; Conserv
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                                                                                                                                                                                                                                                                                                186 AGTTGCCAGGAAGGAGAGGG 205
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ID NOS: 11796
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                                                                                                                                                                                                                                                                                                                                                      0.3%;
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                                                                                                                                                                                                                                                                                                                                   Score 13.6; D
Pred. No. 1.3e
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                       Length 20;
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in constructing

a high density...

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Sequence 10195, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER APPLICATION NUMBER: US 60/082,614
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; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-8530 for SEQ 2102,
US-09-422-978-9967
                                                                                                                                                                            RESULT 1553
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                                                                                                                                                       US-09-507-242-7
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Best Local Similarity
Matches 16; Conserv
                                Sequence 7, Application US/09507242
Patent No. 6537753
GENERAL INFORMATION:
APPLICANT: HANES, Steven D.
APPLICANT: DEVASAHAYAM, Gina
APPLICANT: CHATURVEDI, Vishnu
                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 10195
LENGTH: 20
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LENGTH: 20
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EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-10474
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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                                                                                                                                                                                                                                                                                                       0.3%;
Local Similarity 80.0%;
1es 16; Conservation
                    OF INVENTION:
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                                                                                                                                                                                                                                                                        GCTGTGCTAAGTGCTTTACG 4494
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HANES, Steven D.
DEVASAHAYAM, Gina
CHATURVEDI, Vishnu
VENTION: CAESSI: A CANDIDA ALBICANS GENE, METHODS FOR MAKING AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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Pred. No. 1.3
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Pred. No. 1
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1.3e+03;
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TITLE OF INVENTION: USING, AND TARGETING IT; TITLE OF INVENTION: ANTIFUNGAL APPLICATIONS; EILE REFERENCE: 454311-2200.1
; CURRENT APPLICATION NUMBER: US/09/507,242
; CURRENT FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: 60/121,246
; PRIOR FILING DATE: 1999-02-23
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US-09-722-487-30/c
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                                                                                                                                                                                        Sequence 30, Application US/09722487 Patent No. 6537791 GENERAL INFORMATION:
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SEQ ID NO 16
LENGTH: 20
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LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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Patent No. 65377
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: GELLERFORS, Par
APPLICANT: FOGH, Jens
TITLE OF INVENTION: NEW THERAPEUTIC METHOD FOR TREATING PATIENTS WITH
TITLE OF INVENTION: INVERMITTENT PORPHYRIA (AIP) AND OTHER PORPHYRIC
TITLE OF INVENTION: DISEASES
FILE REFERENCE: GELLERFORS=1A
CURRENT APPLICATION NUMBER: US/09/358,856C
CURRENT FILING DATE: 1999-07-22
NUMBER OF SEQ ID NOS: 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer for OTHER INFORMATION: amplification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                               APPLICANT: Hockensmith, Joel W.
Muthuswami, Robini
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TARGETING DNA METABOLIC PROCESSES USING
AMINOGLYCOSIDE DERIVATIVES
                           CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                     1192 TCCCATCCCTGGAGTCTCTG 1211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4332 GGTACTTGGGACCCCAGTGC 4351
                                                                                 NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                         b 0.3%;
Similarity 80.0%;
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CITY: New York STATE: NY
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Pred. No. 1.3e+03;
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Pred. No. 1
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COMPUTER READABLE FORM: MEDIUM TYPE: Diskette

OPERATING SYSTEM:

IBM Compatible

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                                                                                                                                                                                                                                                              Sequence 33, Application US/09920759
Patent No. 6537811
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
FILE REFERENCE: RTS-0267
FULRENT APPLICATION NUMBER: US/09/920,759
CURRENT APPLICATION NUMBER: US/09/920,759
CURRENT FILING DATE: 2001-08-01
                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 91
SEQ ID NO 33
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 16; Conserv
                                                                     Matches
                                                                                    Query Match
Best Local
                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: 30:
                                                                                                                                                                           FEATURE:
                                                                                 Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 09/179,558
FILING DATE: «Unknown»
APPLICATION NUMBER: U.S. 60/063,898
FILING DATE: 31-OCT-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 9426-005-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)7909090
TELEFAX: (212)8699741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/722,487
FILING DATE: 28-No. 6537791-2000
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: Other SEQ ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FASTSEQ Version 2.0 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                    375 CAGTTAAGCTGGTGGCAGCA 394
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20 GAAGAGATGCCCACAGCCTG 1
Н
                                                                                    Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ECULE TYPE: Other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     80.0%;
                                                                                    0.3%;
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Pred. No. 1.3e+03;
0; Mismatches 4;
                                                                    0
                                                                                    Score 13.6; DB 1;
Pred. No. 1.3e+03;
                                                                    Mismatches
                                                                                                   Length 20;
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RESULT 1557

RESULT 1559 US-08-488-446-127/c

Sequence 127, Application US/08488446 Patent No. 6558898

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CURRENT APPLICATION NUMBER: US/09/322,624
CURRENT FILING DATE: 1999-05-28
EARLIER APPLICATION NUMBER: USSN 09/087,139
EARLIER FILING DATE: 1998-05-28
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Oligonuclectide Modulation Of Protein Kinase C FILE REFERENCE: ISIS4954
CURRENT APPLICATION NUMBER: US/10/025,139
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR PILING DATE: 1997-03-31
PRIOR PILING DATE: 1997-03-31
PRIOR PILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR PILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR FILING DATE: 1993-07-09
PRIOR FILING DATE: 1993-07-09
PRIOR FILING DATE: 1993-07-09
PRIOR FILING DATE: 1993-03-16
NUMBER OF SEQ ID NOS: 121
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                                                                                                                                                                              ; ORGANISM: synthetic construct US-09-322-624-18
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US-09-322-624-18/c
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Best Local Similarity 80.0%;
Matches 16; Conservative
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SEQ ID NO 113
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                       Query Match 0.3%;
Best Local Similarity 80.0%;
Matches 16; Conservative
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Patent No. 6537973
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Glimcher, L et al.
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO MODULATION OF
TITLE OF INVENTION: CARTILAGE GROWTH BY MODULATION OF NEATH ACTIVITY
FILE REFERENCE: HUI-035CP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Holmlund, Jon T. APPLICANT: Dorr, F. Andrew
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                          1282 CCATCAACATGGTGTCCAAG 1301
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CCAACAACGTGGTGTATAAG 1
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Dean, Nicholas M.
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Pred. No. 1.3e+03;
                                                                                         Score 13.6; DB 1; Length 20; Pred. No. 1.3e+03; O; Mismatches 4; Indels
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                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 16; Conserv
                                    Sequence 1339, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frac
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1339
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APPLICANT: JAMES C. ERKER
APPLICANT: SHERI L. BUIJK
APPLICANT: ISA K. MUSHAHWAR
TITLE OF INVENTION: NON-A, NON-B. NON-C, NO
TITLE OF INVENTION: REAGENTS AND METHODS FO
NUMBER OF SEQUENCES: 716
CORRESPONDENCE ADDRESS:
ABBOTT LABORATORIES D377/AP6D
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CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
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REFERENCE/DOCKET NUMBER: 5527.PC.01
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
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GEORGE G. SCHLAUDER
SURESH M. DESAI
THOMAS P. LEARY
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TAMI J. PILOT-MATIAS
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Pred. No. 1.3e+03;
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RESULT 1563
US-09-198-452A-2551/c
; Sequence 2551, Application US/09198452A
; Patent No. 6559294
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; SEQ ID NO 1957
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1957
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1388
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The Local Similarity
The Conservation
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Matches ]
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SEQ ID NO 1388
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnot
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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80.0%; Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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US-09-198-452A-2716
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US-09-198-452A-2716/c
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Best Local S
Matches 16
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2642
LENGTH: 20
                                                                        APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2716
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2551
LENGTH: 20
                                                                                                                                                                                                                                                                                                                    Sequence 2716, Application US/09198452A Patent No. 6559294
GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
Query Match
Best Local Similarity
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Patent No. 6559294
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ORGANISM: Chlamydia pneumoniae
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les 16; Conserv
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Pred. No. 1.3e+03;
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Sequence 3221, Application US/09198452A
Patent NO. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fracTITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
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Best Local S
Matches 16
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SEQ ID NO 2918
LENGTH: 20
TYPE: DNA
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LENGTH: 20
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Best Local
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03
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                                                                                                                        GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3853
LENGTH: 20
TYPE: DNA
CORGANISM: Chlamydia pneumoniae
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LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and
TITLE OF INVENTION: thereof and uses thereof, in particular f
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SEQ ID NO 3221
LENGTH: 20
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TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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Pred. No. 1.3e+03;
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RESULT 1573
US-09-198-452A-4769/c
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US-09-198-452A-4445
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SEQ ID NO 4769
LENGTH: 20
TYPE: DNA
                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagno
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
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SEQ ID NO 4445
1.FNC-777
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagno
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
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APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frac
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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Patent No. 6559294
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SEQ ID NO 4185
                                                                                         CURRENT APPLICATION NUMBER: US/09/198,452A CURRENT FILING DATE: 1998-11-24
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                                                                    NUMBER OF SEQ ID NOS:
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TYPE: DNA
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TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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Similarity 80.0%;
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Similarity 80.0%;
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Pred. No. 1
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Pred. No. 1.3e+03;
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RESULT 1576
US-09-198-452A-5368/c
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5291
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US-09-198-452A-5291
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4907
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US-09-198-452A-4769
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APPLICANT: Griffais, R.
APPLICANT: INFORMATION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4907
LENGTH: 20
Sequence 5368, Application Patent No. 6559294 GENERAL INFORMATION:
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APPLICANT: Griffais, R.
APPLICANT: INTENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment:
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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SEQ ID NO 5291
LENGTH: 20
                                                                                                                                                                                               Matches
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Matches 16; Conserv
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Patent No. 655929
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Best Local
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16; Conserv
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03
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Pred. No. 1.3e+03;
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Sequence 5923, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Griffals, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and poly
TITLE OF INVENTION: thereof and uses thereof, in particular for the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the con
Query Match
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US-09-198-452A-5923/c
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; Sequence 5642, Application US/09198452A
; Patent No. 6559294
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GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and
TITLE OF INVENTION: thereof and uses thereof, in particular f
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5642
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SEQ ID NO 5368
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                                                                                                                                                                                         ORGANISM: Chlamydia
                                                                                                                                                                                                                         TYPE: DNA
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                             Score 13.6; DB 1;
Pred. No. 1.3e+03;
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FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6187
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6187
                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Watches 16; Conserve
                                                                                                                                RESULT 1581
US-09-808-358-35
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US-09-808-358-15
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Sequence 35, Application US/09808358
PATENT NO. 6562955
GENERAL INFORMATION:
APPLICANT: TOSOH Corporation
TITLE OF INVENTION: Oligonuclectides for Detection of Vibrio Parahaemolyticus
TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: TOSOH Corporation
APPLICANT: TOSOH Corporation
TITLE OF INVENTION: Oligonuclectides for Detection of Vibrio Parahaemolyticus
TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
TITLE OF INVENTION: Oligonuclectides
FILE REFERENCE: 200-2496
CURRENT APPLICATION NUMBER: US/09/808,358
CURRENT FILING DATE: 2001-03-15
NUMBER OF SEQ ID NOS: 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 15
LENGTH: 20
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Patent No. 6562955
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Best Local
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GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       / Match 0.3%;
Local Similarity 80.0%;
les 16; Conservative
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Pred. No. 1.3e+03
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Pred. No. 1.3e+03;
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                                                                                                             Sequence 41, Application US/09601144
Patent No. 656514
GENERAL INFORMATION:
APPLICANT: Wright, Jim A.
APPLICANT: Young, Aiping H.
APPLICANT: Young, Aiping H.
APPLICANT: Young, Aiping H.
APPLICANT: Young Aiping H.
APPLICANT: OF INVENTION: OLIGONUCLECTIDE SEQUENCES COMPLEMENTARY TO THIOREDOXIN
TITLE OF INVENTION: AND THIOREDOXIN REDUCTASE GENES AND METHODS OF USING
TITLE OF INVENTION: SAME TO MODULATE CELL GROWTH
FILE REFERENCE: 683-112US-A
CURRENT FILING DATE: 2000-10-18
PRIOR APPLICATION NUMBER: US 60/073,196
PRIOR FILING DATE: 1998-01-30
NUMBER OF SEC IN NOC. 74
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NUMBER OF SEQ ID NOS: 48
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 48
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                      NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 41
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GENERAL INFORMATION:
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CURRENT FILING DATE: 2001-08-01
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APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9
FILE REFERENCE: RTS-0252
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CURRENT FILING DATE: 2001-03-15
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TYPE: DNA
ORGANISM: Human
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                                       ENGTH: 20
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Local Similarity 80.0%;
hes 16; Conservative
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Pred. No. 1.3e
0; Mismatches
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Pred. No. 1.3e+03;
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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-601-144-65
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Best Local 9
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Patent No. 6566514
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Best Local Similarity
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APPLICANT: Wright, Jim A.
APPLICANT: Young, Aiping H.
APPLICANT: Lee, Yoon S.
TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES COMPLEMENTARY TO THIOREDOXIN
TITLE OF INVENTION: AND THIOREDOXIN REDUCTASE GENES AND METHODS OF USING
TITLE OF INVENTION: SAME TO MODULATE CELL GROWTH
FILE REFERENCE: 683-112US-A
CURRENT APPLICATION NUMBER: US/09/601,144
CURRENT FILING DATE: 2000-10-18
CURRENT FILING DATE: 2000-10-18
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PRIOR FILING DATE: 1998-01-30
NUMBER OF SEQ ID NOS: 74
                  COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FBSESSQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/09/722,708
FILING DATE: 28-No. 6573060-2000
CLASSIFICATION: cUnknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: PERNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TARGETING DNA METABOLIC PROCESSES USING AMINOGLYCOSIDE DERIVATIVES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3758 GCGCTCCTTCACGTGCTCAT 3777
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STATE: NY
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Pred. No. 1.3e+03;
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Sequence 64, Application US/09909595
Patent No. 6586245
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Brenda F. Baker
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US-09-909-595-64/c
                 RESULT 1587
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                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 16
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No. 657642
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APPLICANT: Varshney, Grish C.
APPLICANT: University of Nebraska Board of Regents
TITLE OF INVENTION: Specific Mucin Expression as a N
TITLE OF INVENTION: for Pancreatic Cancer
FILE REFERENCE: UNMC 63155
CURRENT APPLICATION NUMBER: US/09/733,444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Batra, Surinder K. APPLICANT: Brandt, Randall E. APPLICANT: Ringel, J"erg APPLICANT: Faulmann, Grit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                    OTHER INFORMATION: Primer
                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: Other
SEQUENCE DESCRIPTION: SEQ ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: U.S.
AFFLICATION NUMBER: U.S.
FILING DATE: 31-CCT-1997
ATTORNEY/AGENT INFORMATION:
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TELEPHONE: (212) 7909090
                                                                                                        4156 crecrecrecrecrece 4175
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REGISTRATION NUMBER: 30,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (212)8699741
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Faulmann,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/09733444
                                                                                                                                             Conservative
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                                                                                                                                           0.3%; Score 13.6; DB 1;
80.0%; Pred. No. 1.3e+03;
1tive 0; Mismatches 4
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Pred. No. 1.
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US-08-467-344A-127/c
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CURRENT APPLICATION NUMBER: US/09/909,595

CURRENT FILING DATE: 2001-07-18

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 64

LENGTH: 20
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Matches 16; Conserva
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                                     TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                   ZIP: 60064-3500

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/467,344A
FILING DATE: 07-Jun-1995
CLASSIFICATION: <Unknown>
                                                                                        PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: 08/424,550

PILING DATE: <UNKNOWN:

ATTORNEY/AGENT INFORMATION:

NAME: POREMBSKI, PRISCILLA E.

REGISTRATION NUMBER: 33,207

REFERENCE, DOCKET NUMBER: 5527.PC.01

TELECOMMUNICATION INFORMATION:

TELEPHONE: 708-937-6365
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TAMI J. PILOT-MATIAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5061 AGCCTTTTCTTCCTATCTCT 5080
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 716
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20 ACCTCTTTCTTCCAATCTCT 1
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STREET: 100 ABBOTT PARK ROAD
CITY: ABBOTT PARK
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INVENTION: NON-A, NON-B. NON-C, REAGENTS AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ANTHONY SCOTT MUERHOFF
JAMES C. ERKER
SHERI L. BUIJK
ISA K. MUSHAHWAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TAMI J. PILOT-MATIAS
GEORGE J. DAWSON
GEORGE G. SCHLAUDER
SURESH M. DESAI
THOMAS P. LEARY
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Pred. No. 1.3e+03;
0; Mismatches 4
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Best Local Similarity 80.0%;
Matches 16; Conservation
                                                          Matches
                                                                                      Query Match
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Patent No. 6593456
                                                                                                                                                                                          TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Gatana
                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Granger, G.A.
TITLE OF INVENTION: Fact
TITLE OF INVENTION: Fact
TITLE OF INVENTION: of U
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                                                                                                                                                                                                                           LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                         Local
                                                                                                                                                                                                                                                                                                  NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM:
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                                                                                                                                     TOPOLOGY:
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MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID
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                            990 TCCGAGACATTGTTCCAGCG 1009
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                                                                      Similarity 80.0%;
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                                                          Conservative
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linear
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                                                                        Score 13.6;
Pred. No. 1.
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Pred. No. 1
20
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                                                          Mismatches
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RESULT 1590 US-09-081-385-76

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RESULT 1591
US-09-903-413-8/c
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                                                                                                                                Sequence 8, Application US/09903413
Patent No. 6596492
GENERAL INFORMATION:
APPLICANT: AVERY, Anne C.
APPLICANT: BUTTLE, ROBERT
TITLE OF INVENTION: PCR MATERIALS AND METHODS USEFUL
TITLE OF INVENTION: FCH. MATERIALS AND MALIGNANCIES
FILE REFERENCE: DI-14
CURRENT APPLICATION NUMBER: US/09/903,413
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,611
PRIOR FILING DATE: 2000-07-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 222
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 66/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factor Receptor
TITLE OF INVENTION: Factor Receptor
TITLE OF INVENTION: of Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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OPERATING SYSTEM: WINDOWS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM CON
OPERATING SYSTEM:
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CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                            4047 CCAGGCCTCTAGGCAGGAC 4066
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l Similarity 80.0%;
16; Conservative
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Factors Altering Tumor Necrosis
Factors Releasing Enzym
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Pred. No. 1.3
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                                                                                                                                                                              DETECT
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APPLICANT: Bucala, Richard J.

APPLICANT: Chesney, Jason A.

APPLICANT: Mitchell, Robert A.

APPLICANT: Mitchell, Robert A.

ITITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect

FILE REFERENCE: 9511-064-27 DIV

CURRENT APPLICATION NUMBER: US/09/670,216

CURRENT FILING DATE: 2000-09-25

PRIOR APPLICATION NUMBER: US 09/183,846

PRIOR FILING DATE: 1998-10-30

PRIOR APPLICATION NUMBER: US 08/961,578

PRIOR APPLICATION NUMBER: US 08/961,578

PRIOR FILING DATE: 1997-10-31

NUMBER OF SEQ ID NOS: 31

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 9

LENGTH: 20
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                               ; OTHER INFORMATION: Antisense Oligonucleotide US-09-780-045-104
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US-09-670-216-9
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US-09-780-045-104
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                                                                                                                 CURRENT APPLICATION NUMBER: US/09/780,045
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 104
LENGTH: 20
                                                                                                                                                                                                                                                                Patent No. 6602713
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wye
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 6596851
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Best Local Similarity
Matches 16; Consert
Query Match
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                                                                                                                                                                                                              TITLE OF INVENTION: ANTISENSE MODULATION TITLE OF INVENTION: EXPRESSION FILE REFERENCE: RTS-0130
                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Primer
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: PCR primer
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                                                                                                                                                                                                                                                                     Jacqueline Wyatt
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Score 13.6;
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Pred. No. 1.
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Pred. No. 1.
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RESULT 1595
US-09-780-172-74/c
; Sequence 74, Application US/09780172
""" No. 6607916
                                                RESULT 1596
US-09-465-589A-5/c
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                                                                                                                                                                                                                                                      US-09-780-172-74
                                                                                                                                                                                                                                                                                                                     APPLICANT: Robert McKay
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION
FILE REFERENCE: RTS-0159
CURRENT APPLICATION NUMBER: US/09/780,172
CURRENT APPLICATION NUMBER: US/09/780,172
CURRENT FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 96
SEQ ID NO 74
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/09/780,045
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 105
LENGTH: 20
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Patent No. 6602713
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wya
Sequence 5, Application US/09465589A Patent No. 6610481 GENERAL INFORMATION:
                                                                                                                                                                                     Matches
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Best Local Similarity
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Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                     GGAGGGGTGAAACACTTCAG
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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US-09-112-580-56/c
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                                               Sequence 56, Application US/09112580 Patent No. 6610539
GENERAL INFORMATION:
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APPLICANT: WRIGHT, Jim A. APPLICANT: YOUNG, Aiping APPLICANT: DUGOURD, Dominique

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APPLICANT: KOCH, JOYN E.
TITLE OF INVENTION: A CASCADE NUCLEIC ACID AMPLIFICATION REACTION
FILE REFERENCE: 4305/1E293-US2
CURRENT APPLICATION NUMBER: US/09/465,589A
CURRENT FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: US 09/091,146
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: PCT/DK96/00513
PRIOR APPLICATION NUMBER: PCT/DK96/00513
PRIOR PILING DATE: 1996-12-05
PRIOR PELING DATE: 1996-12-05
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PATENTIN VERSION 3.1
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                                                                                                                                               ; OTHER INFORMATION: oligonucleotide US-09-465-589A-6
                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/465,589A
CURRENT FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: US 09/091,146
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: PCT/DX96/00513
PRIOR FILING DATE: 1996-12-05
PRIOR APPLICATION NUMBER: DK 1379/95
PRIOR FILING DATE: 1995-12-05
PRIOR FILING DATE: 1995-12-05
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                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 22
SOFTWARE: PATENTIN version 3.1
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
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Matches
                                                                                       Query Match
Best Local
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LENGTH: 20
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TITLE OF INVENTION: A CASCADE NUCLEIC ACID AMPLIFICATION REACTION
FILE REFERENCE: 4305/LE293-US2
                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
20
                                                                       Mismatches
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RESULT 1600
US-09-855-722-20/c
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; ORGANISM: Escherichia coli
US-09-112-580-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 56
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
                                  SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 20
LENGTH: 20
                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                            Sequence 20, Application US/09855722 Patent No. 6638741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 56
LENGTH: 20
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                                                                                    APPLICANT: Sakano, Seiji
APPLICANT: IICh, AKİITA
TITLE OR INVENTION: DIFFERENTIATION-SUPPRESSIVE POLYPEPTIDE
FILE REFERENCE: KP-6576
CURRENT APPLICATION NUMBER: US/09/855,722
CURRENT FILING DATE: 2001-05-16
PRIOR APPLICATION NUMBER: 09/214,278
PRIOR FILING DATE: 1999-01-26
NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/027,983
CURRENT FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
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CURRENT FILING DATE: 1998-07-09
EARLIER APPLICATION NUMBER: US 60/052,160
EARLIER FILING DATE: 1997-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF TITLE OF INVENTION: MICROORGANISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 265
ORGANISM: Artificial Sequence
                   TYPE: DNA
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ilarity 80.0%;
Conservative
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Pred. No. 1.
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Pred. No. 1
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                                                                                  ; OTHER INFORMATION: US-09-860-473-47
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                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-860-473-47/c
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CURRENT APPLICATION NUMBER: US/09/337,619
CURRENT FILING DATE: 1999-06-21
EARLIER APPLICATION NUMBER: US 08/960,774
EARLIER FILING DATE: 1997-10-30
EARLIER APPLICATION NUMBER: US 08/738,652
EARLIER APPLICATION NUMBER: US 08/386,063
EARLIER APPLICATION NUMBER: US 08/386,063
EARLIER APPLICATION NUMBER: US 08/386,063
EARLIER APPLICATION NUMBER: US 08/36,063
EARLIER APPLICATION NUMBER: US 08/36,063
EARLIER APPLICATION NUMBER: US 08/276,358
EARLIER APPLICATION NUMBER: US 08/276,358
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                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 169
SEQ ID NO 47
LENGTH: 20
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Krieg, Arthur M.
APPLICANT: Krieg, Arthur M.
TITLE OF INVENTION: Methods of Treating Cancer Using
TITLE OF INVENTION: Immunostimulatory Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       Sequence 47, Application US/09860473 Patent No. 6656732
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Best Local Similarity
Matches 16; Conserv
    Matches
                                        Query Match
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                                                                                                                                                                                                                                              FILE REFERENCE: RTS-0222
CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT FILING DATE: 2001-05-18
                                                                                                                                                                                                                                                                                                         APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
                                                                                                                                                                                                                                                                                                                                  APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: Synthetic Oligonucleotide
                                                                                                                                                                  TYPE: DNA
  Local Similarity hes 16; Conserv
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les 16; Conservative
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    Conservative
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                                                                                                     Antisense Oligonucleotide
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Score 13.6; DB 1;
Pred. No. 1.3e+03;
0; Mismatches 4;
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Pred. No. 1.3e+03
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Pred. No. 1.
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Sequence 41, Application US/09377497
Patent No. 6670119
GENERAL INFORMATION:
APPLICANT: YOSHIKAMA, YOSHIE
APPLICANT: MUKAI, HIROYUKI
APPLICANT: ASADA, KIYOZO
APPLICANT: HINO, FUMITSUGU
                                                                                                                            RESULT 1605
US-09-377-497-41/c
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US-09-860-473-119/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-64
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US-09-860-473-64/c
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                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-09-860-473-119
                                                                                                                                                                                                                                                                    Query Match 0.3%;
Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 119
LENGTH: 20
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APPLICANT: C. Frank
APPLICANT: Andrew
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LENGTH: 20
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CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
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CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT FILING DATE: 2001-05-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: RTS-0222
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TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: C. Frank Bennett APPLICANT: Andrew T. Watt
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                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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; OTHER INFORMATION: ; OTHER INFORMATION: US-09-980-052-118
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                                                                       Query Match
Best Local Similarity
Matches 16; Conserv
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NUMBER OF SEQ ID NOS: 243
SOFTWARE: KODALENTIN 1.71
SEQ ID NO 118
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Best Local Similarity
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TITLE OF INVENTION: CANCER-ASSOCIATED GENES
FILE REFERENCE: 1122-3889
FILE REFERENCE: 112-3889. HG/09/377.497
                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd. APPLICANT: KIM, Cheol Min APPLICANT: PARK, Hee Kyung TITLE OF INVENTION: Oligonucleotide for detection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/377,497
CURRENT FILING DATE: 1999-08-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-2000-0018189
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CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
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                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                       2251 ACCTCTTCTGGTTTGGGGAT 2270
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1 ATCTCTGTTGGTTTCGGGAT 20
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                                                                           Conservative
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                                                                                                                                                                     sequence of probe or primer and Mycobacterium ulcerans
                                                                                         0.3%;
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Pred.
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Pred. No. 1.3e+03
                                                                           Mismatches
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                                                                                             13.6;
No. 1
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                                                                           Indels
                                                                                                                                                                                         detecting Mycobacterium marinum
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RESULT 1607 US-10-147-936B-3/c

; Sequence 3, Application US/10147936B

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RESULT 1609
US-09-192-854-187/c
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US-09-967-669-62/c
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                                                                                                                                                                                                                                밁
                                                                                                                                                                                                                                                                                                                                                                                               US-09-967-669-62
Sequence 187, Application US/09192854
Patent No. 6696245
GENERRAL INFORMATION:
APPLICANT: Winter, Greg
APPLICANT: Tomlinson, Ian
TITLE OF INVENTION: Methods for Sele-
FILE REFERENCE: 3789/72916
                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 16; Conserv
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LENGTH: 20
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
FILE REFERCE: RTG-0259
CURRENT APPLICATION NUMBER: US/09/967,669
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/147,936B CURRENT FILING DATE: 2002-05-17 PRIOR APPLICATION NUMBER: US/08/981,527 PRIOR FILING DATE: 1997-12-16 PRIOR APPLICATION NUMBER: PCT/NL96/00278 PRIOR APPLICATION NUMBER: PCT/NL96/00278 PRIOR APPLICATION NUMBER: PCT/NL96/00278 PRIOR FILING DATE: 1996-07-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Quax, Wilhelmus J.
APPLICANT: Kerkman, Richard
APPLICANT: Broekhuizen, Cornelis P.
TITLE OF INVENTION: No. 6692951el Secretion Factors for
TITLE OF INVENTION: Gram-Positive Microorganisms Genes
TITLE OF INVENTION: Gruen Jusing It
FILE REFERENCE: GCX322-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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10; Conservative
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                       for Selecting Functional Peptides
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0; Mismatches
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Pred. No. 1
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Query Match
Best Local Similarity
Marches 16; Conserve
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US-09-125-491C-18
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LENGTH: 20
TYPE: DNA
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EARLIER FILING DATE: 1997-11-21
NUMBER OF SEQ ID NOS: 212
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 199
LENGTH: 20
                                                                                                                                                                                                                                                                                           Sequence 18, Application Patent No. 6699686
GENERAL INFORMATION:
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Patent No. 6696245
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Best Local
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APPLICANT: Tomlinson, Ian
APPLICANT: Tomlinson, Ian
TITLE OF INVENTION: Methods for Selecting
FILE REFERENCE: 3789/72916
CURRENT APPLICATION NUMBER: US/09/192,854
CURRENT FILING DATE: 1998-11-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/192,854
CURRENT FILING DATE: 1998-11-17
EARLIER APPLICATION NUMBER: 60/066,729
EARLIER FILING DATE: 1997-11-21
NUMBER OF SEQ ID NOS: 212
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TYPE: DNA
ORGANISM: Homo sapiens
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                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOA
STREET: P.O. Box 1404
                                                                                                                                                                                                                                                             APPLICANT: BROCARD, Jacques Bertrand CHAMBON, Pierre Henri
                                                                                                                                                                                                                                                                                                                                                                                                                                                    2526 GACCGAGTCCTCTGGAAGTC 2545
                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                        TITLE
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                CITY: Alexandria
STATE: Virginia
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                 Application US/09125491C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                     INVENTION: MODIFIED NUCLEAR GLUCOCORTICOID RECEPTOR, FUSION PROTEIN, AND DNA FRAGMENTS CODING
                                                                                                                                                                       METZGER, Danica
NICOLAS, Jean-Claude
ROUX, Silvie
                                                                                                                                                                                                                                             GRONEMEYER, Hinrich
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                                                                                                                    SAID RECEPTOR AND
                                                                DOANE,
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Pred. No. 1.
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                                                                    SWECKER & MATHIS,
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                                                                                                                    SAID FUSION PROTEIN
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RESULT 1612
US-09-566-047-71/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 71, Application Patent No. 6703198
GENERAL INFORMATION:
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Best Local Similarity
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/566,047

FILING DATE: 05-May-2000
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: 1..20
OTHER INFORMATION: /note= "primer A"
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
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APPLICATION NUMBER: US/09/125,491C
FILING DATE: 20-Aug-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA: WO PCT/FR97/00315
APPLICATION NUMBER: WO PCT/FR97/00315
FILING DATE: 20-FEB-1997
APPLICATION NUMBER: FR 96 02060
FILING DATE: 02-FEB-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                  Spinner, Nancy B.
TITLE OF INVENTION: Methods of Diagnosing Alagille Syndrome NUMBER OF SEQUENCES: 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (genomic) FEATURE:
                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                            STATE: California
                                                                                                                                                                                                                                                                                                  ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Rea, Teresa Stanek
REGISTRATION NUMBER: 30,427
REFERENCE/DOCKET NUMBER: 017753-100
                                                                                                                                                                                                                                                                                CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY:
                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/09566047
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Pred. No. 1.3e+03;
0; Mismatches 4;
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                                                                                                                      ; OTHER INFORMATION: Synthetic US-09-402-618B-87
                                                                                                                                                                                                               SEQ ID NO 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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                                                                                       Query Match
                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/402,618B CURRENT FILING DATE: 2000-07-18 PRIOR APPLICATION NUMBER: PCT/US98/03194 PRIOR FILING DATE: 1998-05-05 NUMBER OF SEQ ID NOS: 128 SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                            APPLICANT:
TITLE OF IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     equence 87, Application US/09402618B
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APPLICANT: Lyamichev, Victor
                                                                                                                                                                                                                                                                                                                             APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleot.
FILE REFERENCE: FORS-04012
                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (858) 535-9001
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ATTORNEY/AGENT INFORMATION:
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Similarity 80.0%; Pred. No. 1.
                                                                        Similarity
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LOCATION:
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TYPE: nucleic acid
STRANDEDNESS: single
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Brow, Mary Ann
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                                                          Conservative
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                                                          Score 13.6; DB 1;
Pred. No. 1.3e+03;
0; Mismatches 4
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US-08-983-605-65/c
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Sequence 65, Application US/08983605A
Patent No. 6720137
GENERAL INFORMATION:
APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the SITILE OF INVENTION: Triticum Aestivum and Tribe Triticase and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 44, Application US/10215448
Patent No. 6716975
GENERAL INFORMATION:
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
FILE REFERENCE: RTS-0179
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LENGTH: 20
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Patent No.
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CURRENT FILING DATE: 2002-08-09
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APPLICANT: Dahlberg, James
APPLICANT: Dahlberg, James
TITLE OP INVENTION: Target-Dependent Reactions Using Structure-Bridging Oligonucleoti
FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILLING DATE: 2000-07-18
PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
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ORGANISM: Artificial Sequence
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5. 6709815
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Brow, Mary Ann
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Pred. No. 1.3e+03;
0; Mismatches 4;
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Pred. No. 1.3e+03;
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                                                 for Plants of the Species
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US-08-983-605-80/c
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                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Roder, Marion
APPLICANT: Roder, Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum Aestivum and Tribe Triticase and the Use
TITLE OF INVENTION: Said Markers
FILE REFERENCE: 2936,10400
SEQ ID NO 80
LENGTH: 20
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APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the :
TITLE OF INVENTION: Triticum Aestivum and Tribe Triticase and
TITLE OF INVENTION: Said Markers
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LENGTH: 20
TYPE: DNA
ORGANISM: Triticum aestivum
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                                    CURRENT APPLICATION NUMBER: US/08/983,605A CURRENT FILING DATE: 1998-05-01 EARLIER APPLICATION NUMBER: DE 195 25 284.9 EARLIER FILING DATE: 1995-06-28 NUMBER OF SEQ ID NOS: 466 SOFTWARE: Patentin Ver. 2.0
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CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: Patentin Ver. 2.0
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EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
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TYPE: DNA
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Pred. No. 1.
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Pred. No. 1.
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RESULT 1620
US-09-758-881-55/c
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                                                                                                                                                                           JS-08-424-550B-127
                                                                                                                               Query Match
Best Local (
                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-6365
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 127,
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 60064-3500

ZIP: 60064-3500

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 716
CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES
STREET: 100 ABBOTT PARK ROAD
CITY: ABBOTT PARK
                                                                                                                                                                                         TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: POREMBSKI, PRISCILI
REGISTRATION NUMBER: 33,;
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: NON-A, NON-B.
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                                                                                                                                                                                                              LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/424,550B FILING DATE: CLASSIFICATION: 435435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1324 TGTCATCCATTGAAGACAAG 1343
                                                                                      2838 GTGGTGAAGTTTGGTGAGAC 2857
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                                                                                                                 l Similarity
16; Conserv
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TAMI J. PILOT-MATIAS
GEORGE J. DAWSON
GEORGE G. SCHLAUDER
GURESH M. DESAI
THOMAS P. LEARY
ANTHONY SCOTT MUERHOPF
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SHERI L. BUIJK
ISA K. MUSHAHWAR
                                                                                                                   Conservative
                                                                                                                                                                                 linear
E: DNA (genomic)
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                                                                                                                               Score 13.6; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.
                                                                                                                 Mismatches
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US-09-735-450-11
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US-10-172-911-43
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SEQ ID NO 55
LENGTH: 20
TYPE: DNA
                          Sequence 11, Application US/09735450
Patent No. 6767542
GENERAL INFORMATION:
APPLICANT: Paterson, Yvonne
APPLICANT: Gunn III, George R
APPLICANT: Peters, Christian
TITLE OF INVENTION: Compositions and Methods
TITLE DEPERTMENT OF ANTIGENS
FILE EXPERENCE: DENNI-0741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 123
SEQ ID NO 43
LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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Patent No.
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CURRENT FILING DATE: 2002-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REFERENCE: PTS-0016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lex M. Cowsert APPLICANT: Kenneth W. Dobie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/758,881
CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: PCT/US00/09054
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 09/288,461
PRIOR FILING DATE: 1999-04-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
URRENT APPLICATION NUMBER: US/09/735,450
                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                             1721 CACCATCTTCATCGGCACCT 1740
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o. 6727064
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                                                                                                                                                                                                                                                                                                                               0.3%; Score 13.6; DB 1
80.0%; Pred. No. 1.3e+03
tive 0; Mismatches
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Pred. No. 1.3e+03
0; Mismatches
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                                                     for Enhancing Immunogenicity
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-492-361-29
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Best Local Similarity
Marches 16; Conserve
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PRIOR APPLICATION NUMBER: 09/53;
PRIOR FILING DATE: 2000-03-29;
NUMBER OF SEQ ID NOS: 13;
SOFTWARE: Patentin Ver. 2.1;
SEQ ID NO 11;
LENGTH: 20
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US-09-492-361-29/c
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US-09-735-450-11
                                                                                                                                                                                                   Sequence 26, Application US/10071411A
PATENT NO. 6797475
GENERRAL INFORMATION:
APPLICANT: Glenn Barnes
APPLICANT: Joanne Meyer
TITLE OF INVENTION: Detection of Polymorphisms
TITLE OF INVENTION: 5-Lipoxygenase Gene
FILE REFERENCE: MRI-021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: JENTSCH, Thomas J.

TITLE OF INVENTION: NOVEL POTASSIUM CHANNELS AND GENES ENCODING THESE
TITLE OF INVENTION: POTASSIUM CHANNELS
FILE REFERENCE: 2815-127P
CURRENT APPLICATION NUMBER: US/09/492,361
CURRENT FILING DATE: 2000-01-27
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 29
LENGTH: 20
                 SOFTWARE: FastSEQ
SEQ ID NO 26
LENGTH: 20
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Best Local Similarity
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                                                                                    CURRENT APPLICATION NUMBER: US/10/071,411A CURRENT FILING DATE: 2002-02-07 PRIOR APPLICATION NUMBER: 60/267,515 PRIOR FILING DATE: 2001-02-08 PRIOR APPLICATION NUMBER: 60/314,248 PRIOR APPLICATION NUMBER: 60/314,248 PRIOR FILING DATE: 2001-08-21
                                                                    NUMBER OF SEQ ID NOS: 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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TYPE: DNA
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ilarity 80.0%;
Conservative
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                                                    for Windows Version
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 13.6; DB 1
Pred. No. 1.3e+03
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Pred. No. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
                                                                                                                                                                                                                                              in the Human
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                                                                                                                                      RESULT 1626
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                                                                                                                        PCT-US93-04863-11/c
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                                                                                                                                                                                                                                                                                                          PCT-US91-05742-24
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Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                          Sequence 11, Application PC/TUS9304863 GENERAL INFORMATION:
                                                                                                                                                                                                                                                             Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 24, Application PC/TUS9105742 GENERAL INFORMATION:
                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDDERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US9
FILING DATE: 19910813
                              APPLICANT:
                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                      MOLECULE NC
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
STREET: One Liberty Place--46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Inhibition of Influenza Viruses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cowsert, Lex M
APPLICANT: Ecker, David J
                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
   FITLE OF INVENTION:
                                                                                                                                                                                                                                             / Match 0.3%;
Local Similarity 80.0%;
les 16; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1818-0359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                              TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 19103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
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                                                                                                                                                                                                                4141 CTCTCCCGGGACCTCCTGCT 4160
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Ronald L. Marshall
John J. Carrino
Joann C. Sustachek
ABBOTT LABORATORIES
NVENTION: AMPLIFICATION OF RNA SEQUENCES
NVENTION: USING THE LIGASE CHAIN REACTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           S
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                                                                                                                                                                                                                                                                                                                                                       Other nucleic acid
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                                                                                                                                                                                                                                                             Score 13.6;
Pred. No. 1.
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Pred. No. 1.3e+03;
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CORRESPONDENCE ADDRESS:

NUMBER OF SEQUENCES:

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PCT-US93-08101-13/c
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Best Local Similarity
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APPLICATION NUMBER: US 07/891
FILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO:
                                                                            COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
                                  CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Oligonucleotide Modulation TITLE OF INVENTION: of Cell Adhesion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: Other nucleic acid (synthetic DNA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
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TELEPHONE: 708-938-2623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: One Abbott
CITY: Abbott Park
APPLICATION NUMBER: 939,855 FILING DATE: September 2, 1992
                                                                      FILING DATE: Herewith
                                                                                                                                                                                                                     COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: P
FILING DATE: 19930524
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                                                                                                                                                                                                                                                                                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1226 CCAGCAGCTCTCCCCGGGCC 1245
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                                                                                                                                                                                                                                                                        Cherry Hill
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                                                                                                                                                                                                                                                                                             E: Woodland Falls Corporate Park
210 Lake Drive East, Suie 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           One Abbott Park Road
                                                                                                                                                                                                                                        USA
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                                                                                                                                                          IBM PS/2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     708-937-4884
                                                                                                                                                                                DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  UMBER: US 07/891,543
29 MAY 1992
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                                                                                                                                                                                                                                                                                                                                                    85
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Pred. No. 1.
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Matches 16; Conserv
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: Pebruary 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-15
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Oligonum TITLE OF INVENTION: Protein NUMBER OF SEQUENCES: 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Nicholas Dean, C. Frank Bennett and APPLICANT: Russell T. Boggs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                         FILING DATE: 1 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: One ___
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
STRANDEDNESS: Singl
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                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH:
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80.0%; Pred. No. 1
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Oligonucleotide Modulation of
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Query Match
Best Local Similarity
Thes 16; Conserva
                                                                                      ; TOPOLOGY: linear; ANTI-SENSE: yes PCT-US94-07770-73
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PCT-US94-07770-73/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PCT-US94-07770-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 73, Application PC/TUS9407770 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                   TELEFAX: (215) 568-3439
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single TOPOLOGY: linear ANTI-SENSE: yes
                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                FILING DATE: February 22, 1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Oligonucleotide Modulation of TITLE OF INVENTION: Protein NUMBER OF SEQUENCES: 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Nicholas Dean, C. Frank Bennett and APPLICANT: Russell T. Boggs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                           NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: POFILING DATE: herewith CLASSIFICATION:
                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
                                                                                                                                                                                                                                                     TELEPHONE:
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                  Conservative
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                                   80.0%;
                0.3%; Score 13.6; DB 1;
80.0%; Pred. No. 1.3e+03;
ive 0; Mismatches
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Pred. No. 1.3e+03;
                                                    DB 1; Length 20;
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PCT-US95-02943-1
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                                                                                                                                                                                                                                                                                                                                        Query Match 0.3%;
Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application PC/TUS9502943
GENERAL INFORMATION:
APPLICANT: Mellins, Elizabeth D.
                                                                                                                                             Sequence 36, Application PC/TUS9506379 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC COMPUTER:

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENTION Release #1.0, Version #1.

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/02943

FILING DATE:

CLASSIFICATION DATA:

APPLICATION NUMBER: US 08/206,790

FILING DATE: 04-MAR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Trujillo, Doreen Y.

REGISTRATION NUMBER: 35,719

REFERENCE/DOCKET NUMBER: CH-0485

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (215) 568-34
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: HLA
TITLE OF INVENTION: Pre:
TITLE OF INVENTION: Lymn
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: 11
MOLECULE TYPE:
ANTI-SENSE: NO
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americae
                                                                       APPLICANT: Watanabe, Kyoichi A. APPLICANT: Ren, Wu-Yun APPLICANT: Weil, Roger TITLE OF INVENTION: Complementa:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
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COUNTRY: US
ZIP: 19103
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CITY: P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: sing
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STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
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                                                                Roger
N: Complementary DNA and Toxins
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Pred. No. 1.3e+03;
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PCT-US95-06379-36
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GENERAL INFORMATION:
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Best Local Similarity
            PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/388,381
FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                   APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutations
NUMBER OF SEQUENCES: 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06379
FILING DATE: May 13, 1994
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: 212-278-0400
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inc. COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                              STREET: 1992 CITY: Yorktown Heights
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-PCT
REGISTRATION NUMBER:
                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                            B: Oppedahl & Larson
1992 Commerce Street, Suite 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Diamandis, Eleftherios
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn, James M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Visible Genetics Inc.
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Pred. No. 1
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                                                                         TELEFAX: (215)563-404-
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSS: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Therapeutic Oligonucleotides TITLE OF INVENTION: Targeting the Human MDR1 and NUMBER OF SEQUENCES: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: VG
TELEPHONE: (914) 245-3252
                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US |
FILING DATE: 12-JUL-199
                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (215)563-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1001
CTTY: Philadelphia
                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/
FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                               TOPOLOGY: not
                                                                                                                                                                                                                                                                                       CLASSIFICATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1195 CATCCCTGGAGTCTCTGCAG 1214
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                                                             nucleic acid
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1601 Market Street Suite 720
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ASU
                          SS: single not relevant
                                                                                                                             (215)563-4044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Smith, Larry J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           primer for exon 5 of human p53 gene
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               DNA (genomic)
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Pred. No. 1.3e
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                                                                                                         RESULT 1635
PCT-US96-09388-71
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Sequence 71, Application PC/TUS9609388
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonuclectides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
                                                                                                                                                                                                                                                                  Query Match
Best Local :
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                                                                                                                                                                                                                                                  Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: US 08/379,180

PRILING DATE: 12-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Reed, Janet E.

REGISTRATION NUMBER: 36,252

REFERENCE/DOCKET NUMBER: 63082C

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215)563-4010

TELEPAX: (215)563-4014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DI
HYPOTHETICAL: NO
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Rel CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: F
                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                               3715 ATCGCGGCGAGGGGCCCGGC 3734
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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80.0%; Pred. No. 1.3e+03;
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; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US96-09388-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-422-978-6964
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                                                                                                                                                                                                                               SEQ ID NO 6964
LENGTH: 21
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, India Marta
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TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
                                    NAME/KEY: primer_bind LOCATION: 1..21
                                                                                                                 FEATURE:
                                                                                                                                                      ORGANISM: Homo Sapiens
OTHER INFORMATION: upstream amplification primer 99-21763 for SEQ 3030
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ATTORNBY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09388
FILING DATE: 07-JUN-1995
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
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CITY: Philadelphia
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1601 Market Street Suite 720
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80.0%; Pred. No. 1.3e+03;
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                                             Sequence 6, Application US/08142785
PATENT NO. 5434257
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK D.
APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/08142785
Patent No. 5434257
                                                                                                                                                                                                                                                                                                                                                                             Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/142
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:

APPLICANT: MATTEUCCI, MARK D.

APPLICANT: CAO, XIAODONG

TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES

WITHELE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (415) 578-9264 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
               NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
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GILEAD SCIENCES
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Pred. No. 8.7e+02;
0; Mismatches 1;
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Pred. No. 1.4e+03;
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US-07-799-824-4/c
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                         SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/799,824
FILING DATE: 19911126
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Application US/07799824 Patent No. 5484908
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (415) 578-926
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: 1
TITLE OF INVENTION: 1
TITLE OF INVENTION: (
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 16
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: 26-OCT CLASSIFICATION: 536
TELEPHONE: 415-327-2951
                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                              CITY: Menlo Park
STATE: California
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OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Froehler, Brian
Jones, Robert J
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26-OCT-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                Enhanced Triple-Helix and
Double-Helix Formation Directed by Oligonucleotides
Containing Modified Pyrimidines
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Matches
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Best Local :
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Patent No. !
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Best Local
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/07/976,103A
FILLING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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TYPE: NUCLEIC ACID
STRANDEDNESS: single
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                                                                                                                                                                                                                                            TELEFAX:
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                            277 TCTTTCTCTCTCTCT 291
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                                                                                                                                                                                                                                             (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          JONES, ROBERT J.
GUTIERREZ, ARNOLD J.
PUDLO, JEFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WAGNER, RICK MATTEUCCI, MARK
                                                         Conservative
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Pred. No. 8.7e+02;
                                                                        Score 13.4; DB 1; Pred. No. 8.7e+02;
                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
                                                                                     Length 15;
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RESULT 1641

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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
APPLICATION NUMBER:
APPLICATION NUMBER:
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APPLICANT: Martin
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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STREET: 520
CITY: Tarrytown
TMATE: NY
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LENGTH: 15 base pairs
                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Ciba-Geigy Corporation/Patent Dept
STREET: 520 White Plains Rd.
                                                                                                                                                                                                                                    APPLICANT: Martin, Pierre TITLE OF INVENTION: Nucleo TITLE OF INVENTION: having NUMBER OF SEQUENCES: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Lyon & Lyon
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid STRANDEDNESS: sing TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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Bisgaier, Charles
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                                                                                                                                                                                                                                                                          Nucleosides and oligonucleotides having 2'-ether groups
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READABLE FORM:

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Best Local Similarity
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NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BM PC COMPATION
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/892,902
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FEATURE:
NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: MODIFIED INTERNUCLEOSIDE LINKAGES NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
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LENGTH: 15 base pairs
ATTORNEY/AGENT INFORMATION:
NAME: MUZASHIGE, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 240
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NAME: Mansfield, Kevin T
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MEDIUM TYPE:
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OPERATING SYSTEM
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ZIP: 94304-1018
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CITY: Palo Alto
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OTHER INFORMATION: /note= "modified sugar"
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TYPE: nucleic acid
STRANDEDNESS: single
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REGISTRATION NUMBER: 31,635
REFERENCE/DOCKET NUMBER: FL/64-19923/A
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755 Page Mill Road
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Pred. No. 8
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                             Matches
                                        Query Match
Best Local
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 24
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                     CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,
                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/892,902
FILING DATE: 01-JUN-1992
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LENGTH: 15 base pairs
                                                                                           TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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TELEFAX: 706141
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                                                                                                                    STRANDEDNESS:
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STATE: California
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al Similarity 93.3%;
14; Conservation
  277 TCTTTCTCTCTCTCT 291
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                                        Similarity
                                                                                                                              : 15 base pairs
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                             Conservative
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Matteucci, Mark
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                                                                                          DNA (genomic)
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                                      0.3%;
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                                      Score 13.4; DB 1;
Pred. No. 8.7e+02;
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Pred. No. 8
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                             Mismatches
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                                                   DB 1;
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                                                 Length 15;
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                                       Query Match
Best Local S
Matches 14
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ATTORNEY/AGENT INFORMATION:
ANAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
                                                                                                                                       LENGTH: 15 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U
ZIP: 94404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: California
                                                                                                                                                                                                                                                                                    TELEFAX: (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
                                                          h 0.3%;
Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/08473481
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MATTEUCCI, MARK
JONES, ROBERT J.
GUTIERREZ, ARNOLD J.
                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FROEHLER,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US 07/799,824
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                                                          Score 13.4; DB 1; Length 15; Pred. No. 8.7e+02;
                                     Mismatches
                                       Indels
                                     0
                                     Gaps
                                     0
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COUNTRY: U.S.A.
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: S.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IEM COMPATIBLE
OPERATING SYSTEM: IEM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION UNMER: UT, 1994
CLASSIFICATION UNMER: 17, 1994
CLASSIFICATION DATA: Including appli
PRIOR APPLICATION DATA: Including appli
PRIOR APPLICATION DATA: described belov
APPLICATION NUMBER: 00,708,895
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REFERENCE/DOCKET NUMBER: 208/149
TELECHONGUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 1646
US-08-292-620A-24/c
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                                                                                                                                                              US-08-292-620A-24
                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 24, Application US/08292620A Patent No. 5837542
                                                                               Query Match 0.3%; Score 13.4; DB 1; Length 15; Best Local Similarity 93.3%; Pred. No. 8.7e+02; Matches 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Susan Grimm
APPLICANT: Dan T. Stin
APPLICANT: James McSwi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                        TYPE: STRANDEDNESS: BILL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                        848 TGAGGAGGACACAGA 862
15
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dan T. Stinchcon
James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sean Sullivan
                                                                                                                                                                                                      single
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RESULT 1647 US-08-292-620A-63

Sequence 63, Application US/08292620A Patent No. 5837542

ENERAL INFORMATION:

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US-08-585-684B-164/c
; Sequence 164, Application US/08585684B
; Patent No. 5877021
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                                                                                                                                                                                                                                                                                                                                 Query Match .
Best Local Similarity
Thehes 10; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: described below:

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REFERENCE/DOCKET NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149
                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
APPLICANT: McSwiggen, TITLE OF INVENTION: MITITLE OF INVENTION: INTITLE OF INVENTION: AND TITLE OF INVENTION: AND TITLE OF INVENTION: AND TITLE OF INVENTION:
                                                                            APPLICANT: Stinchcomb, Daniel T. APPLICANT: Jarvis, Thale
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: August 17, 1994 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                      3552 GAGATGTTTGAGAAC 3566
                                                                                                                                                                                                                                                                      1 GAGCUGUUUGAGAAC 15
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: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dan T.
                                                                                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IBM Compatible
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METHOD AND REAGENT FOR THE INDUCTION OF GRAFT TOLERANCE AND REVERSAL OF IMMUNE RESPONSES
                                                               James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US/08/292,620A
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Pred. No. 8.
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                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                 .7e+02;
                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
                                                                                                                                                                                                                                                                                                                                                                                         Length 15;
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                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/08459434
Patent No. 5969116
GENERAL INFORMATION:
APPLICANT: Martin, Pierre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOPTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA;
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA;
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
OPERATING SYSTEM: PC-DDS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,434
FILING DATE: 02-UN-1995
                                                                                                                                                                                                     STREET: 59 ACCION STREET: New Jersey
                                                                                                                                                                                                                                                                                                                        APPLICANT: Martin, TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
            CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: storage COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 633 West FI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: si
TOPOLOGY: linear
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4521 GAGAGCTGAGGCTCT 4535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14;
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: California
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                                                                                                                                                                                                                                                         59 Route 10
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                                                                                                                                                                                                                                                                         No. 5969116artis Corporation
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                                                                                                                                                                                                                                                                                                                        Nucleosides and oligonucleotides having 2'-ether groups
CH 1467/93-4
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Pred. No. 8.7e+02;
0; Mismatches 1;
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Gaps

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RESULT 1650
US-09-071-845-24/c
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Best Local Similarity
Matches 14; Conserv
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,62
FILING DATE: AUGUST 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992.
                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 4-19552/A/DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 277-3318
TELEFAX: (908) 277-4306
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Kenneth G.
TITLE OF INVENTION: R
TITLE OF INVENTION: R
TITLE OF INVENTION: R
TITLE OF INVENTION: I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: 11
MOLECULE TYPE:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 10-MAY-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 12-MAY-1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                 STREET: 633 West Fifth Street
STREET: 812 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DESCRIPTION: /desc = "synthetic oligonucleotide DESCRIPTION: /desc = "synthetic oligonucleotide DESCRIPTION: comprising a modified sugar"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Ferraro, Gregory D. REGISTRATION NUMBER: 36,1
                                                                                                                                      CLASSIFICATION:
                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                               90071-2066
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6132967
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VENTION: RIBOZYME TREATMENT OF
VENTION: RISEASES OR CONDITIONS
VENTION: RELATED TO LEVELS OF
VENTION: INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dan T. Stinchcomb
James McSwiggen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sean Sullivan
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                                                                                               US/08/292,620
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RESULT 1651
US-09-071-845-63
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SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDENNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No.
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                 ZIP: 90071-2066 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/889,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 201
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE: August
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Susan Grimm APPLICANT: Dan T. Stind
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
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STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
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VENTION: RIBOZYME TREATMENT OF
VENTION: DISEASES OR CONDITIONS
VENTION: RELATED TO LEVELS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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James McSwiggen
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93.3%; Pred. No. 8.7e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2390
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                                                                                                               US-09-038-073-164
                                                                                                                                                                                                                                                                                                                                                                               ZIP: 900/1
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTWARE: FRATSEQ Version 1.5
CURRENT APPLICATION DATA:
"""".TCATION NUMBER: US/09/038,073
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                                                       Matches
                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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SEQUENCE CHARACTERISTICS
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                      LENGTH: 15 base pairs
TYPE: nucleic acid
STRANGENESS: single
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STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TLE OF INVENTION:
                                                                                                                                                                                                                                                                        NAME: Warburg, Richard REGISTRATION NUMBER: 32,327 REFERENCE/DOCKET NUMBER: 218/078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: sing
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TOPOLOGY: 1i
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                           4521 GAGAGCTGAGGCTCT 4535
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                                                       Conservative
                                                                                                                             linear
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                                                      Score 13.4; DB 1;
Pred. No. 8.7e+02;
0; Mismatches 1;
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Pred. No. 8.7e+02;
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                                                                                Length 15;
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Patent No. 6235887
GENERAL INFORMATION:
                                                                                                                                                                                                                               Sequence 1, Application US/09202294 Patent No. 6329519
                                                                                                                                                                                                               GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
ATTORNEY/ACENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 29,4610-2003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
CURRENT APPLICATION NUMBER: US/09/202,294
CURRENT FILING DATE: 1999-03-15
EARLIER APPLICATION NUMBER: PCT/GB97/01490
EARLIER FILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 6
                                                                                           APPLICANT: Collingwood, Stephen P.
APPLICANT: Moser, Heinz E.
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Douglas, Mark E.
TITLE OF INVENTION: Intermediates for oligonucleotides
FILE REFERENCE: 4-20900/A/MA2134/PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
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nucleic acid
DEDNESS: single
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Pred. No. 8
                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
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; FEATURE: , OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide US-09-202-294-1
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Best Local S
Matches 14
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LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                        CLASSIFICATION: 536
PRIOR APPLICATION UNMBER: US 08/338,352
                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 12-FEB-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473,481
FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                          CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR OF TOWN NUMBER: US 07/799,824
                                                                                                                                                                                                                                             CLASSIFICATION: 536
PRIOR APPLICATION UMADER: US 07/965,941
FILING DATE: 23-OCT-1992
                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 536
PRIOR APPLICATION NUMBER: US 07/976,103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                      FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                 APPLICATION NUMBER: US 0 FILING DATE: 26-NOV-1991
                                                                                                   APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                 25-NOV-1992
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LENGTH: 15
TYPE: DNA
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Patent No. 6451595
GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
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                                                                      APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
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TYPE: nucleic acid
STRANDEDNESS: single
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Pred. No. 8.7e+02;
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Best Local S
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SEQ ID NO 8
LENGTH: 15
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
                                                                                                                                                                                                                                                       Sequence 9, Application US/09612531 Patent No. 6534639
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Patent No. 6534639
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                                                  CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILLING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
                                                                                                                                       APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakasha, Phazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers
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APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P
                                                                                                                            FILE REFERENCE: Isis-4406
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CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
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LOCATION: (1)...(5)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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ORGANISM: Artificial Sequence
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Prakash, Thazha P.
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Pred. No. 8.
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US-09-612-531-10
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                                                                     Matches
                                                                                                     Query Match
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CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
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NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
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APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLB OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Manoharan, Muthiah
                                                                                                                                                                                                                                  OTHER INFORMATION: Oligonucleotide

NAME/KEY: misc_feature
LOCATION: (1)._(1)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]

NAME/KEY: misc_feature
LOCATION: (3)._(3)
                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (5)...(5)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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LOCATION: (13)..(13)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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NAME/KEY: misc_feature
LOCATION: (5)..(5)
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                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
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                                 277 TCTTTCTCTCTCTCT 291
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Similarity 93.3%;
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Pred. No. 8.7e+02;
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RESULT 1661 US-09-612-531-14

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              NAME/KEY: misc feature
LOCATION: (1)...(1)
OTHER INFORMATION: T*=2'-O-AE
NAME/KEY: misc feature
LOCATION: (3)...(3)
OTHER INFORMATION: T*=2'-O-AE
NAME/KEY: misc feature
LOCATION: (5)...(5)
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APPLICANT: Manoharan, Muthiah
APPLICANT: Molar, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 15, Appli
Patent No. 6534639
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OTHER INFORMATION: Oligonicleotide

NAME/KEY: misc_feature

LOCATION: (1)..(1)

OTHER INFORMATION: T*=2'-deoxy

NAME/KEY: misc_feature

LOCATION: (3)..(3)

OTHER INFORMATION: T*=2'-deoxy

OTHER INFORMATION: T*=2'-deoxy
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                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
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PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEC TO TOTAL
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CURRENT FILING DATE: 2000-07-07
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
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APPLICANT: Cook, Thazha P.
Prakash, Thazha P.
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OTHER INFORMATION: T*=2'-deoxy
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                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                             TYPE: DNA
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THER INFORMATION: T*=2'-O-AE
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Sequence, Salvano, Salvano, Fatent No. 653400.; GENERAL INFORMATION: GENERAL INFORMATION: Mancharan, Muthiah P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thazha P. Thaz
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US-09-612-531-17
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CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 17
LENGTH: 15
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Best Local Similarity
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR PILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
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                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
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APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
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LOCATION: (5)..(5)
OTHER INFORMATION: T*=2'-O-AP*
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LOCATION: (1)...(1)
OTHER INFORMATION: T*=2'-O-AP*
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LOCATION: (3)..(3)
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Pred. No. 8.7e+02;
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RESULT 1666
US-09-612-531-19
; Sequence 19, Application US/09612531
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US-09-612-531-18
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APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REPERENCE: 1515-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
CURRENT FILING DATE: 2000-07-07
                                                                                                                                                               Query Match 0.3%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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Patent No. 6534639
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Best Local Similarity
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LOCATION: (1) . (1)
OTHER INFORMATION: T*=2'-O-GE
NAME/KEY: misc feature
LOCATION: (3) . (3)
OTHER INFORMATION: T*=2'-O-GE
                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: T*=2'-deoxy
NAME/KEY: misc_feature
LOCATION: (5)...(5)
OTHER INFORMATION: T*=2'-deoxy
NAME/KEY: misc_feature
LOCATION: (9)...(9)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
LOCATION: (13)..(13)
                                                                                                                                                                                                                                                        OTHER INFORMATION: T*=2'-deoxy
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LOCATION: (2)..(2)
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Pred. No. 8.
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                                                                                                                                                                              8.7e+02;
                                                                                                                                                                                               DB 1;
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FEATURE:
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (2). (2)
OTHER INFORMATION: T*=2'-O-AP*
NAME/KEY: misc_feature
LOCATION: (5). (5)
OTHER INFORMATION: T*=2'-O-AP*
                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
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SEQ ID NO 19
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
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Patent No. 6534639
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                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR APPLICATION NUMBER: 09/349,040
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CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
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APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Manoharan, Muthiah APPLICANT: Cook, Philip Dan
                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
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OTHER INFORMATION: T*=2'-O-AE
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LOCATION: (13)..(13)
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NAME/KEY: misc_feature
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NAME/KEY: misc_feature
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       Sequence 22, Application US/09612531
Patent No. 6534639
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Cook, Philip Dan
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
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Best Local S
Matches 14
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CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 21
SEQ ID NO 21
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc feature
LOCATION: (5)..(5)
OTHER INFORMATION: T*=2'-O-GE
NAME/KEY: misc feature
LOCATION: (9)..(9)
OTHER INFORMATION: T*=2'-O-GE
NAME/KEY: misc feature
LOCATION: (13)..(13)
OTHER INFORMATION: T*=2'-O-GE
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Quanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (2)...(2)
OTHER INFORMATION: T*=2'-O-GE
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LOCATION: (13) . (13)
OTHER INFORMATION: T*=2'-O-AP*
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OTHER INFORMATION: T*=2'-O-AP*
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ORGANISM: Artificial Sequence
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1 TTTTTCTCTCTCTCT 15
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Isis-4406
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93.3%; Pred. No. 8.
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CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 23
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
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US-09-612-531-23
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                                                                                                                                            US-09-612-531-24
           GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.3%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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SEQ ID NO 22
LENGTH: 15
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Sequence 23, Approximately No. 6534639
                                                                                                       Sequence 24, Application US/09612531 Patent No. 6534639
                                                                                                                                                                                                                                                                                         Matches
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Best Local Similarity
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APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
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CURRENT FILLING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods FILE REFERENCE: Isis-4406
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
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OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1)...(5)
OTHER INFORMATION: T*=2'-O-AE
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                          277 TCTTTCTCTCTCTCT 291
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Pred. No. 8.7e+02;
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RESULT 1673
US-09-142-212A-3
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; LOCATION: (1)...(5)
; OTHER INFORMATION: T*=2'-O-AP*
US-09-612-531-24
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Sequence 3, Application US/09142212A
Patent No. 6562960
GENERAL INFORMATION:
APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
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Best Local Similarity
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Best Local Similarity
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers.
FILE REFERENCE: Isis 4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
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CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
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OTHER INFORMATION: T*=2'-O-GE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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Pred. No. 8.7e+02;
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US-09-142-212A-4
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LENGTH: 15
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Best Local
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CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
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APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogues
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CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
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SOFTWARE: PatentIn Ver.
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                                                                                                                                                                 OTHER INFORMATION: A thymidine residue having an alpha-methoxy group OTHER INFORMATION: present at the 2'-position rather than a hydrogen OTHER INFORMATION: atom
                                                                                                                                                                                                                                    NAME/KEY: misc_feature
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LOCATION: (4)
OTHER_INFORMATION: Modified internucleoside linkage
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                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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Local Similarity 93.3%;
                                                                                         Local Similarity
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Collingwood, Stephen Paul
                                                                          Conservative
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Pred. No. 8.7e+02;
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Pred. No. 8.7e+02;
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LENGTH: 15
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Patent No. 6562960
                                                                  Matches 14;
                                                                                                    Query Match
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CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
NUMBER OF SEQ ID NOS: 13
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CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
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APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogues
FILE REFERENCE: ISIS4385
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PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
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                                                                                                                                               NAME/KEY: misc_feature 
LOCATION: (1)...(5)
OTHER INFORMATION: Modified internucleoside linkage
                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                          LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
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LOCATION: (5)
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PPLICANT: Collingwood, Stephen Paul
PPLICANT: Douglas, Mark Edward
PPLICANT: Taylor, Roger John
TILE OF INVENTION: Oligonucleotide Analogues
                                                                                  Local Similarity
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No. 6562960
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                                                                                  Score 13.4; DB 1;
Pred. No. 8.7e+02;
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Pred. No. 8
                                                                    Mismatches
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Query Match
Best Local Similarity 9
....hes 14; Conservat
                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Oligonucleotide; NAME/KEY: misc_feature; LOCATION: (4); LOCATION: (4); OTHER INFORMATION: A nucleoside unit derived from Compound M US-09-142-212A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 1678
US-09-142-212A-13
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US-09-142-212A-9
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APPLICANT: Baxter,
APPLICANT: Collingware,
APPLICANT: Douglas,
APPLICANT: Taylor,
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Best Local Similarity 93.3%;
Matches 14; Conservative
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SOFTWARE: PatentIn Ve
SEQ ID NO 13
LENGTH: 15
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LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
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CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
NUMBER OF SEQ ID NOS: 13
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APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE:
                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
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LOCATION: (5)...(6)
OTHER INFORMATION: Modified internucleoside linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    PPLICANT: Douglas, Mark Edward
PPLICANT: Taylor, Roger John
TILE OF INVENTION: Oligonucleotide Analogues
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ORGANISM: Artificial Sequence
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                      Conservative
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                    Score 13.4; DB 1;
Pred. No. 8.7e+02;
0; Mismatches 1;
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Pred. No. 8.7e+02;
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RESULT 1681
US-09-349-040A-8
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; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-6
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; NAME/KEY: misc_feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-7
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CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin version 3.0
SEQ ID NO 7
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Best Local Similarity 93.3%;
Matches 14; Conservative
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LENGTH: 15
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TITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-381
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
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APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Functionalized Oligomers
FILE REPERENCE: ISIS-3811
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SOFTWARE: PatentIn version 3.0
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APPLICANT: Cook, Phillip Dan
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Similarity 93.3%;
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Pred. No. 8.
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Pred. No. 8.7e+02;
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CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR PILING DATE: 1999-05-14
PRIOR FILING DATE: 1999-05-27
PRIOR FILING DATE: 1998-05-27
PRIOR FILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
SEQ ID NO 3
LENGTH: 15
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 8
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-8
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US-09-753-943D-3
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                                      Matches
                                                    Query Match
Best Local S
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Best Local Similarity
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APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
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APPLICANT: Altmann, Karl-Heinz
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Functionalized Oligomers
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                                                                                                                                                    NAME/KEY: misc_feature LOCATION: 5
                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: synthesized
                                                                                                                                    OTHER INFORMATION: 2'-substituted sugar
                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                          TYPE: DNA
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277 TCTTTCTCTCTCTCT 291
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                                                         Similarity
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                                      Conservative
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                                                      0.3%;
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                                                      Score 13.4; DB 1;
Pred. No. 8.7e+02;
                                      Mismatches
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US-09-753-943D-6
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  Query Match
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                                                                                                                                                                                                                                                            SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Altmann, Karl-Heinz
APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/C1
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING_DATE: 2001-01-03
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CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR FILING DATE: 1998-05-27
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PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
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APPLICANT: Martin, Pierre
APPLICANT: Martin, Pierre
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
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                                                                                               FEATURE: misc_feature
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LOCATION: 5, 7, 9, 11 and 13
OTHER INFORMATION: 2'-substituted sugar
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OTHER INFORMATION: synthesized
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                                                                OTHER INFORMATION: 2'-substituted sugar
                                                                                                                                                    OTHER INFORMATION: synthesized
                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                    TYPE: DNA
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                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                      ENGTH: 15
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    0.3%; Score 13.4;
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Pred. No. 8
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DB 1; Length 15;
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US-09-753-943D-8
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PRIOR FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                Sequence 8, Application US/09753943D Patent No. 6670468 GENERAL INFORMATION:
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Best Local Similarity
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             APPLICANT: Altmann, Karl-Heinz
APPLICANT: Martin, pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/C1
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: POT/EP97/02738
PRIOR FILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
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APPLICANT: Altmann, Karl-Heinz
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PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02
PRIOR FILING DATE: 1998-05-27
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CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
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APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cuenoud, APPLICANT: Altmann
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LOCATION: 6, 8, 10, 12, 14
OTHER INFORMATION: 5-methyl cytosine
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NAME/KEY: misc_feature
LOCATION: 5-14
OTHER INFORMATION: 2'-substituted sugar
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OTHER INFORMATION: synthesized
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ORGANISM: Artificial Sequence
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ID NOS: 22
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0; Mismatches 1
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Pred. No. 8
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8.7e+02;
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RESULT 1688
US-09-753-943D-10/c
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CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR PILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
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Best Local Similarity
Matches 14; Conserv
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APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-H
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Patent No. 6670468
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LENGTH: 15
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APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
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                                                                                                                                                                                                                                                                           NAME/KEY: modified_base
LOCATION: 6, 8, 10, 12, 14
OTHER INFORMATION: 5-methyl cytosine
                                                                                                                                                                                                                                                                                                                                                 LOCATION: 5-14 OTHER INFORMATION: 2'-substituted sugar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
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LOCATION: 5-14
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LOCATION: 1-14
OTHER INFORMATION: 2'-substituted sugar
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Pred. No. 8.7e+02;
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; LOCATION: 11
; OTHER INFORMATION: 2'-substituted
US-09-753-943D-10
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CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-0-1-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR FILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 22
SEQ ID NO 11
LENGTH: 15
Query Match 0.3%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 8.7e+02;
Matches 14; Conservative 0; Mismatches 1
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Best Local Similarity
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SEQ ID NO 10
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                                                                                                                                                                                                                                                                                                                                                                               CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR FILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
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APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/753,943D CURRENT FILING DATE: 2001-01-03
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APPLICANT: Altmann, Karl-Heinz
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APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
                                                                                                    NAME/KEY: misc_feature
LOCATION: 3, 5_ 7, 9, 11
OTHER INFORMATION: 2'-substituted sugar
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthesized
FEATURE:
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APPLICANT: Altmann, Karl-H
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ORGANISM: Artificial Sequence
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Pred. No. 8.7e+02;
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                                               DB 1;
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RESULT 1691
US-09-753-943D-13/c
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US-09-753-943D-12/c
                                                                                                              SEQ ID NO 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                     PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR FILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
                                                                                                                                                                                                                                                                          APPLICANT: Altmann, Karl-Heinz
APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLS OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/C1
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 4-20890B/C1
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
                                                                                                                                   NUMBER OF SEQ ID NOS:
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APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
APPLICANT: Moser, -2'-Substituted Nucleosides and Oligonucleotide Derivatives
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cuenoud, Bernard
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: Switzerland 1432/96 PRIOR FILING DATE: 1996-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1998-05-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cuenoud, Bernard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
LOCATION: 11-14
OTHER INFORMATION: 2'-substituted sugar
                                                                     TYPE: DNA
                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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OTHER INFORMATION: synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
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93.3%;
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Pred. No. 8.7e+02;
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Best Local Similarity
Watches 14; Conserve
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; LOCATION: 2-11
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-13
                                                                                                                                                                                                                                                                                                                                       RESULT 1693
US-08-231-227-8/c
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SEQ ID NO 4
LENCTH: 15
TYPE: DNA
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Matches 14; Conserv
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FILE REFERENCE: GLISO155
CURRENT APPLICATION NUMBER: US/10/294,203
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 08/599,738
PRIOR PILING DATE: 1996-02-12
PRIOR PILING DATE: 1996-02-12
PRIOR APPLICATION NUMBER: 01/024,818
PRIOR APPLICATION NUMBER: 10/024,818
PRIOR FILING DATE: 1996-02-12
PRIOR FILING DATE: 1996-02-12
PRIOR FILING DATE: 1996-02-12
PRIOR FILING DATE: 1996-02-12
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PRIOR FILING DATE: 1996-02-12
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APPLICANT: URDEA, MICHAEL S.
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                   TITLE OF INVENTION: RIBOZYMES WITH PROD
TITLE OF INVENTION: STRAND DISPLACEMENT
                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                              STREET: 4560 Horton Street CITY: Emeryville STATE: California
                                                                             COUNTRY: U.S.A.
                                                                                                                                                           ADDRESSEE:
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Jones, Robert J.
Gutierrez, Arnold J.
Pudlo, Jeff
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93.3%;
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Pred. No. 8.7e+02;
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REFERENCE/DOCKET NUMBER: 0973.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/08245742A Patent No. 5670361
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APPLICANT: Wong-S
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILLING DATE: 17-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-10
                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
ORDITIONAL MARKET. 11/08/04 5422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection TITLE OF INVENTION: and AIDS NUMBER OF SEQUENCES: 18
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                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/245,742A FILING DATE: 17-MAY-1994 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 94105-1492
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One Market Plaza, Steuart Street Tower
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Leavitt, Mark
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Yu, Mang
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Pred. No. 9.8e+02;
0; Mismatches 1;
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                                                                                                                      ; MOLECULE TYPE: DNA
US-08-245-742A-8
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                                                                         Query Match
Best Local (
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                                                                                                                                                                                                                                                     PILING DATE: 17-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
                                                                                                                                                                                                                          TELEFAX: (415) 543-5043 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/0
FILING DATE: 17-MAY-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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                                                                        Local
                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: sing
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE:
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                                                                                                                                                  TOPOLOGY:
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                                                                                                                                                                                            ENGTH:
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                            4287 CACACCAGACGGGCA 4301
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                                                           14;
                                                        Similarity 93.1
14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              San Francisco
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                                                                                                                                                                                            16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            One Market Plaza,
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Yu, Mang
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Pred. No. 9.8e+02;
                                                                         Score 13.4; DB 1, Pred. No. 9.8e+02,
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                                                             Mismatches
                                                                                        DB 1; Length 16;
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Best Local S
Matches 14
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APPLICATION NUMBER: US 08/062

FILING DATE: 17-MAY-1993

ATTORNEY/AGENT INFORMATION:

NAME: Weber, Kenneth A.

REGISTRATION NUMBER: 31,677

REFERENCE/DOCKET NUMBER: 2307

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 543-5043

INFORMATION: FOR SEQ ID NO: 9:
                                                                                                                                                                                                  Sequence 10, Application US/08245742A
Patent No. 5670361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9, Application US/08245742A Patent No. 5670361
                                                                                                                                                                              GENERAL INFORMATION:
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                                                                                                                                                                                               tent No.
                                                                   APPLICANT:
           APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
                                                                                                 APPLICANT: Wong-Staal, Flossie APPLICANT: Yu, Mang APPLICANT: Yamada, Osamu APPLICANT: Ojwang, Joshua O.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/245,742A FILING DATE: 17-MAY-1994
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One Market Plaza, Steuart Street Tower
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Ho, Anthony
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                                                                                                                                                                                                                                                                                                                                                                               Conservative
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ADDRESS:
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93.3%; Pred. No. 9.8e+02;
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Best Local Similarity
Matches 14; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 11,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (415) 543-504:
TELEFAX: (415) 543-504:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 514
PRIOR APPLICATION DATA:
RAPPLICATION NUMBER: US 08/
FILING DATE: 17-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: WEARY VETTOR A
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Street Tower
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/245,742A
FILING DATE: 17-MAY-1994
                                                                                                                                                                                                                                                                                                 APPLICANT: Yamada, Osamu
APPLICANT: Ojwang, Joshua O.
APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA
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REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-5600
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                          STATE: C
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CTTY: San Francisco
APPLICATION NUMBER: US/0 FILING DATE: 17-MAY-1994 CLASSIFICATION: 514
                                                                                                                                                                       ZIP:
                                                                                                                                                                                                                           CITY: San Francisco
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                                                                                                                                                                                                            California
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                                      US/08/245,742A
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REFERENCE/DOCKET NUMBER: 2307
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5643
INFORMATION FOR SEQ ID NO: 11:
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            NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEPAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 12:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ho, Anthony
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NIMBER OF SEQUENCES: 18
SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                    CITY: San Francisco
STATE: California
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                                                                                                                                                                                                             FILING DATE: 1'CLASSIFICATION:
                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 94105-1492
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Leavitt, Mark
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Pred. No. 9.8e+02;
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US-08-245-742A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/08465483 Patent No. 5811275
                                Matches
                                              Best Local
                                                         Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                       TELEFAX: (415) 543-50
                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 0: FILING DATE: 17-MAY-1993 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 0: FILING DATE: 17-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 514
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 08/062,465
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection TITLE OF INVENTION: and AIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 05-JUN
                                                                                                                                STRANDEDNESS:
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                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: San Francisco
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   4287 CACACCAGACGGGCA 4301
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                                            Similarity
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                                                                                                                                               nucleic acid
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One Market Plaza, Steuart Street
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                                                                                                                                                                                                        (415) 543-5043
                                Conservative
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                                            0.3%;
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                                            Score 13.4; DB 1;
Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
                              Mismatches
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                                                         DB 1;
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                                                          Length 16;
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                             Indels
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                                                                                                                              Sequence 9, Application US/08465483 Patent No. 5811275
                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/062,465
APPLICATION NUMBER: US 08/062,465
FILLING DATE: 17-MAY-1993
PRIOR APPLICATION NUMBER: US 08/245,742
FILLING DATE: 17-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REGISTRATION NUMBER: 31,677
                                                                                                          GENERAL INFORMATION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEPAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                     APPLICANT:
                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,483
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Leaviet, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
                                                    APPLICANT:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                Local Similarity 93.3%;
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Ojwang, Joshua O.
               Yamada, Osamu
Ojwang, Joshua O.
Leavitt, Mark
                                                                 Wong-Staal, Flossie
Yu, Mang
                                                                                                                                                                                                                                                                                                                  Conservative
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Yu, Mang
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Pred. No. 9.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (415) 543-50
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 17-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                          APPLICANT: HO, Anthony
APPLICANT: HO, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/245,742
FILING DATE: 17-MAY-1994
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/0:
FILING DATE: 05-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS:
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                                                                    ADDRESSEE: Townsend and Townsend and Crew STREET: One Market Plaza, Steuart Street CITY: San Francisco
STATE: California
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                                                       COUNTRY:
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                                       ZIP: 94105-1492
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One Market Plaza, Steuart Street Tower
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Ojwang, Joshua O.
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                                                         USA
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93.3%; Pred. No. 9.8e+02
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                                                                                                                Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 16;
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NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
LENGTH: nucleic acid
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Best Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          tent No.
                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
                                        CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/062,465
              APPLICATION NUMBER: US 0 FILING DATE: 17-MAY-1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection TITLE OF INVENTION: and AIDS NUMBER OF SEQUENCES: 18
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APPLICATION NUMBER: US 08/245,742
FILING DATE: 17-MAY-1994
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APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER: US
FILING DATE: 05-JUN-19
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SOFTWARE: Patentin
                                                                                                    FILING DATE: 05-JUN-1995
                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                    CITY: San Francisco
STATE: California
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 ATION NUMBER:
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One Market Plaza, Steuart Street Tower
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Ja Osamu
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EM: PC-DOS/MS-DOS
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                                                                                                                        US/08/465,483
US 08/245,742
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Pred. No. 9.
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                                                                   APPLICATION NUMBER: US/08/465,483
FILING DATE: 05-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,465
FILING DATE: 17-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/245,742
PILING DATE: 17-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31.677
REFERENCE/DOCKET NUMBER: 2307E-567-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                     TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
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ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Street Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
TELLEPHONE: (415) 543-5600
TELEPAX: (415) 543-5043
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STRANDEDNESS: BI.
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REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
STATE: California
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Ojwang, Joshua O.
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93.3%; Pred. No. 9.8e+02;
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-465-483-12
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US-08-292-620A-1548
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Best Local Similarity 93.3%;
Matches 14; Conservative
Query Match
Best Local Similarity
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                                                                                                                                            TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                   NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application PRIOR APPLICATION DATA: including application PRIOR APPLICATION DATA: described below: APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
APPLICATION NUMBER: 07/989,849
                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/29:
FILING DATE: August 17, 1994
CLASSIFICATION: 435
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                                                                            FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
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                                                                      TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                               TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM COMPONENTING SYSTEM:
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                                                                                                                            LENGTH:
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                                                                                                                         16 base pairs
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James McSwiggen
Sean Sullivan
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DISEASES OR CONDITIONS
RELATED TO LEVELS OF
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Pred. No. 9.8e+02;
Score 13.4; DB 1;
Pred. No. 9.8e+02;
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                  Length 16;
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; Sequence 78, Application US/08485689
; Patent No. 5856188
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; MOLECULE TYPE:
US-08-485-689-56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NOTER: US/08/485,689
FILING DATE: 07-D0S/MS-DOS
SOPTWARE: PATENTIN Release #1.0, V6
CURRENT APPLICATION DATE: US/08/485,689
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 56, Appli
Patent No. 5856188
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Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 438
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
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APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
                                                                                                             TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES NUMBER OF SEQUENCES: 90
                                                                                                                                            APPLICANT: Hampel, Arnold E. APPLICANT: Tritz, Richard H.
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                                                                                          CORRESPONDENCE ADDRESS
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                              STATE:
                                                             ADDRESSEE: Cooper & Dunham LLP STREET: 1185 Avenue of the Americas
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               COUNTRY:
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10036
             New York
Y: United States Of America
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1185 Avenue of the Americas
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93.3%; Pred. No. 9.8e+02;
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                       TELEPAX: 212-4/0 INFORMATION FOR SEQ ID NO: 5 SEQUENCE CHARACTERISTICS: LENGTH: 16 base pairs TYPE: nucleic acid TYPE: suncleic seingle
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/476,021A FILING DATE: 07-UN-1995 CLASSIFICATION: 514
                                                                                                                                               NAME: White, John P. REGISTRATION NUMBER: 28,678 REFERENCE/DOCKET NUMBER: 43
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
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MEDIUM TYPE: Floppy disk
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REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-C1X/JPW/KJP
                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/485,689 FILING DATE: 07-JUN-1995 CLASSIFICATION: 435
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TOPOLOGY: li
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                    OPOLOGY:
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   TYPE:
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1185 Avenue of the Americas
                                                                                                                       : 212-278-0400
212-278-0526
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                                                                                                                                                                                John P. 28,678
RNA (genomic)
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Pred. No. 9.
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US-08-478-608B-56/c
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US-08-476-021A-78/c
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                                                                                                                                              Sequence 56, Application US/08478608B Patent No. 5869339
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
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Best Local Similarity
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Best Local S
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CURRENT APPLICATION DATA:
APPLICATION UNMERS: US/08/476,021A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
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APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATA
NUMBER OF SEQUENCES: 90
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 16 base pairs
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ADDRESSEE: Cooper & Dunham LLP
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TOPOLOGY: lir
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93.3%; Pred. No. 9.8e+02
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93.3%; Pred. No. 9.8e+02;
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US-08-478-608B-78/c
; Sequence 78, Application US/08478608B
; Patent No. 5869339
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NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4386:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDENNESS: single
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Best Local Similarity 93.3
Matches 14; Conservative
                                                  COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,608B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REFERENCE/DOCKET NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-C12/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEPHONE: 212-278-0400
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURENT APPLICATION DATA:
APPLICATION UNMBER: US/08/478.6088
FILTUR DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
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STATE: New York
COUNTRY: United
ZIP: 10036
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STATE: New York
                                      TELEPHONE: 212-278-04
TELEFAX: 212-278-0526
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CLASSIFICATION: 435
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1185 Avenue of the
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Pred. No. 9.8e+02;
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Americas
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                                                                                                                                                                                                                                                     APPLICATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REGISTRATION OF THE TRANSPORT NUMBER: 2307/
TELECOMMUNICATION INFORMATION:
TOT POHONE: (415) 543-9600
                                                            Query Match
Best Local Similarity
Matches 14; Conserv
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Best Local Similarity 93.3
Matches 14; Conservative
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APPLICANT:
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                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA;
APPLICATION NUMBER: US/08/876,996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Leaviet, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: One Market I
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                                                                                                                                                                                                        ENGTH: 16 base pairs
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Ojwang, Joshua O.
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                                                             Conservative
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                                                                         0.3%; Score 13.4; DB 1;
93.3%; Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
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                                                                                            Length 16;
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (415) 543-9600
TELEPAX: (415) 543-5043
[INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
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APPLICANT: Ho, Anthony
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
TITLE OF SECUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Weber, Kenneth A. REGISTRATION NUMBER: 31,677 REGISTRATION NUMBER: 23, 677 REFERENCE/DOCKET NUMBER: 23. TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 94105-1492
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
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                                                                                                                                                                                          INFORMATION:
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One Market Plaza, Steuart Street Tower
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Leavitt, Mark
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                                                                                             Leavitt, Mark
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Pred. No. 9.8e+02;
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No. 6132962
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INFORMATION FOR SEQ ID NO:
                                            COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                              APPLICANT:
               SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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APPLICATION NUMBER:
FILING DATE:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                             TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA
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TELECOMMUNICATION INFORMATION:
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CITY: San Francisco
STATE: California
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                                                                                                                                                               CITY: San Francisco
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APPLICATION NUMBER:
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One Market Plaza, Steuart Street
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e Market Plaza, Steuart Street'
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US/08/876,996
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Pred. No. 9
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ATTORNEY/AGENT INFORMATION:
NAME: Weber, Kenneth A.
REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEPAX: (415) 543-9600
TELEPAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
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Best Local Similarity 93.3
The 14; Conservative
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REGISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 2307E-567-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 10:
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MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/876,996
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Leavitt, Mark
APPLICANT: Ho, Anthony
TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
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APPLICANT:
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APPLICATION NUMBER:
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CITY: San Francisco
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One Market Plaza, Steuart Street Tower
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Ojwang, Joshua O.
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                                                                                                                                   2307E-567-10
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Pred. No. 9.8e+02;
0; Mismatches 1
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                                                                                                                      US-08-876-996-12
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Best Local Similarity 93.3
Matches 14; Conservative
                                                          Matches
                                                                        Query Match
Best Local Similarity
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                                                                                                                                                                                                                            TELEFAX: (415) 543-50
INFORMATION FOR SEQ ID NO:
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                                                                                                                                  TOPOLOGY: 13
MOLECULE TYPE:
                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
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TITLE OF INVENTION: Ribozyme Gene Therapy for HIV Infection
TITLE OF INVENTION: and AIDS
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                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                 NAME: Weber, Kenneth A. REGISTRATION NUMBER: 31,677
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/876,996 FILING DATE:
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                          4287 CACACCAGACGGGCA 4301
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15 CACAACAGACGGGCA 1
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Ojwang, Joshua O.
                                                          Conservative
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93.3%; Pred. No. 9.8e+02;
                                                                      0.3%; Score 13.4;
93.3%; Pred. No. 9.
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                                                           Mismatches
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RESULT 1719 US-09-071-845-1548

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RESULT 1720
US-08-476-423A-56/c
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Best Local 9
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Patent No. 6132967
                GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATA
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213), 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
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FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
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OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: December 7, ATTORNEY/AGENT INFORMATION: NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
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TUMBER OF SEQUENCES:
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Similarity 66.7%;
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VENTION: RIBOZYME TREATMENT OF
VENTION: DISEASES OR CONDITIONS
VENTION: RELATED TO LEVELS OF
                                                                                                                                                                                                                                                                                           Conservative
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RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES 90
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; MOLECULE TYPE:
US-08-476-423A-56
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Best Local Similarity
APPLICATION NUMBER: US/08/476
FILING DATE: 07-JUN-1995
CLASSIPICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4386
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
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NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERRENCE/DOCKET NUMBER: 4386
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
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TELEPAX: 212-278-0526
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/476,423A
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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1185 Avenue of the Americas
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1185 Avenue of the Ame:
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                                                                                43863-C2/JPW/KJP
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CURRENT APPLICATION NUMBER: US/09/709,596A
CURRENT FILLING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTIN VERBION 3.1
SEQ ID NO 4
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-394-457C-4/c
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                                                                                                         ; OTHER INFORMATION: Hypothetical sequence to demonstrate application US-09-709-596A-4
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CURRENT FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                         Sequence 4, Application US/09709596A Patent No. 6458945
GENERAL INFORMATION:
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APPLICANT: Variagenics, Inc.
TITLE OF INVENTION: A Method for Analyzing Polynucleotides
                                                              Query Match
Best Local Similarity
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Best Local
                                                Matches
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TITLE OF INVENTION: A Method for Analyzing Polynucleotides
FILE REFERENCE: 258/239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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4137 GACCCTCTCCCGGGA 4151
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                                            Score 13.4; DB 1;
Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
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Sequence 7005, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
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US-09-394-467-4/c
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US-09-655-104A-4/c
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APPLICANT: Variagenics, Inc.
TITLE OF INVENTION: A Method for Analyzing Polynucleotides
FILE REFERENCE: 245/287
CURRENT APPLICATION NUMBER: US/09/394,467
CURRENT FILING DATE: 1999-09-10
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APPLICANT: Variagenics, Inc.
TITLE OF INVENTION: A Method for Identifying
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CURRENT APPLICATION NUMBER: US/09/655,104A
CURRENT FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 25
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and
TITLE OF INVENTION: Levels of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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OTHER INFORMATION: Hypothetical sequence to
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   Reagent for the Treatment of Diseases or Conditions Vascular Endothelial Growth Factor Receptor
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Pred. No. 9.8e+02;
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US-10-104-818-4
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; ORGANISM: Homo sapiens
US-09-371-772B-7005
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                                                         NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
                                                                                                                                                                                                                                                        Sequence 14, Applica Patent No. 6691568 GENERAL INFORMATION:
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Best Local Similarity 33.3%;
Matches 5; Conservative
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 7005
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                                                                                                             APPLICANT: Ghazal, Peter APPLICANT: Ghazal, Peter TITLE OF INVENTION: Generation of Human Cytomegalovirus Yeast TITLE OF INVENTION: Recombinants FILE REFERENCE: 98,299

CURRENT APPLICATION NUMBER: US/09/765,400

CURRENT FILING DATE: 2000-11-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Varigenics, Inc.
TITLE OF INVENTION: A Method for Analyzing Polynucleotides
FILE REFERENCE: 265/034
CURRENT APPLICATION NUMBER: US/10/104,818
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: 09/394,774
PRIOR PILING DATE: 1999-09-10
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CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
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SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
ORGANISM: Human cytomegalovirus;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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                                         LENGTH: 16
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ilarity 93.3%;
Conservative
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Pred. No. 9.8e
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Pred. No. 9.8e+02;
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9.8e+02;
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                                                                                                                                ; OTHER INFORMATION: PCR sense primer US-09-771-357-71
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US-09-771-357-71
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US-09-705-400-14/c
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                                                                                                                                                                                                             CURRENT FILING DATE: 2001-01-3
NUMBER OF SEQ ID NOS: 110
SOFTWARE: PatentIn version 3.0
SEQ ID NO 71
LENGTH: 16
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LENGTH: 16
TYPE: DNA
ORGANISM: Human cytomegalovirus
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APPLICANT: Ghazal, Peter
APPLICANT: Huang, Huang
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Best Local S
                                                                Matches
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Best Local Similarity
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Patent No. 6756200
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/705,400

CURRENT FILING DATE: 2000-11-03

NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                                                                                                              APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: SUKUMAR, SARASWATİ
APPLICANT: EVRON, Ella
APPLICANT: DOOLEY, William
APPLICANT: DAVIDSON, Nancy
                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: ABERRANTLY METHYLATED GENES FILE REFERENCE: JHU1630 CURRENT APPLICATION NUMBER: US/09/771,357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.1
                                                                                                                                                                TYPE: DNA ORGANISM: Artificial sequence FEATURE:
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                          2839 TGGTGAAGTTTGGTG 2853
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2 TGGTGAAGTTGGGTG
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                                                              Conservative
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                                                                                0.3%; Score 13.4; DB 1; 93.3%; Pred. No. 9.8e+02;
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                                                                                                                                                                                                                                                                                                                                       Sequence 8, Application PC/TUS9405700
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
TITLE OF INVENTION: RIBOZYME GENE THERAPY FOR HIV INFECTION AND AIDS
NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 93.3%;
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INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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APPLICATION NUMBER: PCT/
FILING DATE: 17 MAY 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: BERINER, ROBERT
REGISTRATION NUMBER: 20,121
REFERENCE/DOCKET NUMBER: 55
TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION: NAME: BERINER, ROBERT
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                         APPLICATION NUMBER: FILING DATE: 17 MA
                                                                                                                                                                                                                                                  CITY: LOS ANGELES STATE: CALIFORNIA
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STRANDEDNESS: sing
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                                                                                                                                                                                                                                                                                    STREET:
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213-977-1003
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                                                         17 MAY 1994
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Pred. No. 9.8e+02
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RESULT 1734
PCT-US94-05700-10/c
; Sequence 10, Application PC/TUS9405700
; GENERAL INFORMATION:
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TELECHAX: 213-977-1003
TELECHAX: 213-977-1003
INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
FENGTH: 16 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05700
FILING DATE: 17 MAY 1994
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ATTORNEY/AGENT INFORMATION:
NAME: BERINER, ROBERT
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-977-1001
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TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                  0.3%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 9.8e+02; hes 14; Conservative 0. Michael 19.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 20,121
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TOPOLOGY: li
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linear
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THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

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PCT-US94-05700-11/c
; Sequence 11, Application PC/TUS9405700
; GENERAL INFORMATION:
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NAME: BERINER, ROBERT
REGISTRATION NUMBER: 20,121
REFERENCE/DOCKET NUMBER: 5555
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-977-1001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 213-977-1003
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: PCT/US94/05700
FILING DATE: 17 MAY 1994
CLASSIFICATION:
                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
COPERATING SYSTEM: PC-DOS/MS-DOS
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
TITLE OF INVENTION: RIBOZYME GENE THERAPY FOR HIV INFECTION AND AIDS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROBBINS, BERLINER & CARSON
STREET: 201 NORTH FIGUEROA STREET
                     REFERENCE/DOCKET NUMBER: 55
TELECOMMUNICATION INFORMATION:
                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/
FILING DATE: 17 MAY 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: RII
NUMBER OF SEQUENCES: 1:
CORRESPONDENCE ADDRESS:
                                                                                                   CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                 STREET: ZUL NULL STREET: LOS ANGELES STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                             NAME: BERINER, ROBERT REGISTRATION NUMBER:
                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                              COUNTRY: (
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TELEPHONE:
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    213-977-1001
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                                                                                                                                                                  PCT/US94/05700
                                                           20,121
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                                            5555-209
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Pred. No. 9.8e+02;
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                                                                                                                                                                                                          Version #1.25
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                   Sequence 8, Application PC/TUS9504632
GENERAL INFORMATION:
APPLICANT: CHIRON CORPORATION
TITLE OF INVENTION: RIBOZYMES WITH PRODUCT EJECTION BY
TITLE OF INVENTION: STRAND DISPLACEMENT
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NUMBER OF SEQUENCES:

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RESULT 1737
PCT-US95-04632-8/c
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                                                                                                                             Matches
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Best Local Similarity
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                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS LENGTH: 16 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 201 ANGELES CITY: LOS ANGELES STATE: CALIFORNIA CONTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA TITLE OF INVENTION:, RIBOZYME GENE THERAPY FOR HIV INFECTION AND AIDS
                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 213-977-1001
                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                           NAME: BERINER, ROBERT
REGISTRATION NUMBER: 20,121
REFERENCE/DOCKET NUMBER: 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
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                                                                                                                                                                                                                   STRANDEDNESS:
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                                                                                          4287 CACACCAGACGGGCA 4301
                                                                  15 CACAACAGACGGGCA 1
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14; Conservative
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                                                                                                                                                                                                                             nucleic acid
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                                                                                                                                                                                                                                                                                                213-977-1003
                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                          Score 13.4;
Pred. No. 9
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Pred. No. 9.8e+02;
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US-08-055-390-12/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Goldman, Kenneth M.
REFERENCE/DOCKET NUMBER: 0973
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELEPAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 12,
Patent No. 5
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Best Local Similarity
Matches 14; Conserv
FILING DATE: 19930503
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5500357man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 163-527-0 CI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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ZIP: 94608
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: PCT/US95/04632
                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: NOVEL RNA TRANSCRIPTION SYSTEM USING TITLE OF INVENTION: NOVEL RIBOZYME NUMBER OF SEQUENCES: 16
                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: NISHIKAWA, SATOSHI
APPLICANT: MAEDA, HIDEKATSU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: TAIRA, KAZUNARI
                                                                                                                                                                                                                                                                                                                                          STREET: 1755 S. CITY: Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                        APPLICATION NUMBER:
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Y: U.S.A.
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Pred. No. 9.8e+02;
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                                            CIP
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RESULT 1739
US-08-758-306-1023/c
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                                                                                                US-08-758-306-1023
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
Query Match
Best Local Similarity 93...
Thes 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.3%;
Best Local Similarity 93.3%;
Matches 14; Conservative (
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                                                                                                                                               INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US
FILING DATE: December
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Lyon & L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: METHOD AND REAGENT FOR TITLE OF INVENTION: TREATMENT OF DISEASES TITLE OF INVENTION: ASSOCIATED WITH TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION NUMBER OF SEQUENCES: 1379
                                                                                                                                                                                                                                 TELEPHONE: (213)
                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 21:
                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: California COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth
STREET: Suite 4700
CITY: Los Angeles
                                                                                                                STRANDEDNESS: sin
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                 December 3,
                                                                                                                               single
                                                                                                                                                                                                                                        955-0440
                           0.3%; Score 13.4; DB 1;
93.3%; Pred. No. 1.1e+03;
tive 0; Mismatches 1;
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Pred. No. 1.1e+03;
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RESULT 1741
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US-08-758-306-1025/c
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Sequence 1203, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
                                                                                                                                                                                                                                                                      Query Match
Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Stinchcomb,
APPLICANT: McSwiggen,
TITLE OF INVENTION: ME'
TITLE OF INVENTION: AS
TITLE OF INVENTION: IN
TITLE OF INVENTION: IN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Btorage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
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CORRESPONDENCE ADDRESS:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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TELEFAX: 67-3510
TeleX: 67-350
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STREET: Suite 4700
CITY: Los Angeles
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5. 5807743
                                                                                                                                                                                                                                                                     similarity 93.3%;
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633 West Fifth Street
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                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                        linear
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METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
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                                                                                                                                                                                                                                                                     Score 13.4; DB 1;
Pred. No. 1.1e+03;
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US-08-635-820A-2
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                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/08635820A Patent No. 5817462
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Best Local (
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: YUVAL
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US
FILING DATE: December
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 633 West Fifth Street: Suite 4700
CITY: Los Anna?
                              COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
OPERATING SYSTEM: WS DOS version 6.2,
OPERATING SYSTEM: Windows version 3.11
SOFTWARE: Word for Windows version 2.0
                                                                                                                                                            APPLICANT: YUVAL GARINI ET AL.

TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES FOI NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS: Mark M. Friedman c/o Robert Sheinbein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
TITLE OF INVENTION:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
SOFTWARE: converted to ASCI CURRENT APPLICATION DATA:
                                                                                                                                           COUNTRY:
ZIP: 209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Similarity 93.3%;
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: California
                                                                                                                                                                                                                  2940 Birchtree lane
                                                                                                                                                            United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (213) 955-0440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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Pred. No. 1.1e+03;
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Best Local &
                               FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/019,543
FILING DATE: 19-FEB-1993
APPLICATION NUMBER: 07/707,879
FILING DATE: 31-MAY-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 20-Dec-95
ATTORNEY/AGENT INFORMATION:
NAME: Friedmam, Mark M.
REGISTRATION NUMBER: 33,883
REFERENCE/DOCKET NUMBER: 205/15
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-5625553
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: WOOLF, TOO
TITLE OF INVENTION: (
TITLE OF INVENTION: (
TITLE OF INVENTION: (
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
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STRANDEDNESS: singl
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
ZIP: 92037
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APPLICATION NUMBER: 08/571,047
FILING DATE: 12-Dec-95
APPLICATION NUMBER: 08/575,191
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FILING DATE: 18-Aug-93
APPLICATION NUMBER: 08/392,019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 972-3-5625554
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/635,820A FILING DATE: 22-Apr-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTEN: ANY COMPUTEN: APPLICATION SYSTEM: DOS
SOFTWARE: FRACUSQ for Windows Version 2.C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,464
FILING DATE: 07-UN-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/019,543
APPLICATION NUMBER: 08/019,543
APPLICATION NUMBER: 07/707,879
FILING DATE: 19-EB-1993
APPLICATION NUMBER: 07/707,879
FILING DATE: 31-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A
NAME: Haile, Lisa A
NAME: Haile, Lisa A
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NAME: Hail
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
Query Match
Best Local Similarity 93...
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5, Application US/08483464 Patent No. 5877160
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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                               ALLOWNER Haile, Lisa A
NAME: Haile, Lisa A
REGISTRATION NUMBER: 38,347
REFERENCE DOCKET NUMBER: 0959
TELECOMUNICATION INFORMATION:
TELECOMUNICATION 19-678-5070
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APPLICANT: Harper, M.
APPLICANT: Woolf, To
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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LENGTH: 17 base pairs
TYPE: nucleic acid
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 4...
STREET: 4...
CITY: La Jolla
TTATE: CA
TTSA
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                                                                                                                                                                                                STRANDEDNESS:
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                                                                                                                                                                     TOPOLOGY:
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Harper, Mary Ellen
Woolf, Tod Mitchell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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125 Excutive Square, Suite 1400
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0.3%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 1.1e+03; ive 0; Mismatches 1; Indels
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Pred. No. 1.
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                                                                                                                                            RESULT 1746
US-09-100-104-2
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                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                  Sequence 2, Application US/09100104
Patent No. 6066459
                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                       Query Match
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                                                                GENERAL INFORMATION:
APPLICANT: YUVAL (
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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STREET: Suite 4700
CITY: Los Angeles
STATE: California
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OPERATING SYSTEM: IBM P.C. DOS 5.0
OPERATE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
        TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                 Match 0.3%;
Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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633 West Fifth Street
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YUVAL GARINI ET AL.

VENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE VENTION: FLUCKOPHORES FOR IN SITU HYBRIDIZATION AND VENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING
                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                 0,
                                                                                                                                                                                                                                                                                                                   Score 13.4; DB 1;
Pred. No. 1.1e+03;
                                                                                                                                                                                                                                                                                                   Mismatches
                                                                                                                                                                                                                                                                                                                                   Length 17;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                     APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaine
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: CONDITIONS OF DISEASES OR
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Friedmam, Mark M.
REGISTON NUMBER: 33,883
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-562553
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08
FILING DATE: 18-Aug-93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 2000
CITY: Arlington
CTATE: Virginia
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 22-Apr-1996
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: 1.44 me
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                                                         NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 12-Dec-95
APPLICATION NUMBER: 08,
FILING DATE: 20-Dec-95
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20001 Jefferson Davis Highway, Suite 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              972-3-5625554
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3911
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Best Local Similarity 33.3%;
Matches 5; Conservative
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FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 499-1600
TELEPHONE: (213) 499-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        tent No.
                                                                                                                                                                                                                                                                                              APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Secobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER.

FILING DAMES

JAMES WORD PERFORMANCE STATEMENT APPLICATION NUMBER.

FILING DAMES TO THE PERFORMANCE STATEMENT APPLICATION NUMBER.
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MEDIUM TYPE: 3.5" Diskette, 1.44
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                        STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: LOB ADDATE
COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                    COUNTRY: U.S.A
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California
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Pred. No. 1.
                                                                            1.44 Mb
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; ORGANISM: Homo sapiens
US-09-474-432B-391
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
PILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 218/06
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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US-09-474-432B-391
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                                              Query Match
Best Local S
Matches 10
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Best Local S
Matches 12
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SEQ ID NO 391
LENGTH: 17
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                                                                                                                                                                                                                                                        APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MeBH800-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/64,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR PILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
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INFORMATION FOR SEQ ID NO:
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LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                              Local Similarity
les 10; Conserv
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nes 12; Conserv
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      673 GAATTCTGCCCAATG 687
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Burgin, Alex
Beaudry, Amber
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Adamic, Jasenka
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                                                Conservative
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66.7%; Pred. No. 1.1e+03
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Pred. No. 1.1e+(
                                                Mismatches
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US-09-474-432B-881/c
                                                                                             ; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1678
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                               Query Match
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       Matches
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APPLICANT: Zincer, Shari
APPLICANT: Zincer, Shari
FILE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US 09/474,432B
CURRENT FILING DATE: 1999-12-19
FRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR PILING DATE: 1998-11-04
PRIOR PILING DATE: 1998-04-28
PRIOR FILING DATE: 1999-04-28
PRIOR FILING DATE: 1999-04-28
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEMB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
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                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ribozyme Pharmaceuticals, Inc APPLICANT: Pavco, Pam
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
ORGANISM: Homo sapiens
y match 0.3%; Score 13.4; DB 1; Local Similarity 33.3%; Pred. No. 1.1e+03; hes 5; Conservative 9. Miamatalian
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Adamic, Jasenka
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Pred. No. 1.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 1;
                                          Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 17;
    Indels
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US-09-476-387-390
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SOFTWARE: PatentIn version 3.0 SEQ ID NO 390
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ORGANISM: Mus sp:
3-09-371-772B-3464
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                                                               APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
ITILE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo
FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 1999-12-29
PRIOR PILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR PILING DATE: 1999-04-28
PRIOR PILING DATE: 1999-04-28
PRIOR FILING DATE: 1998-11-04
PRIOR PILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-11-05
PRIOR PILING DATE: 1998-11-05
PRIOR PILING DATE: 1998-11-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Method and Reagent for the Treatment ITITLE OF INVENTION: Levels of Vascular Endothelial Growtleiner Reference: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 68/584,040
PRIOR FILING DATE: 1995-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Pavco, Pam APPLICANT: McSwiggen, Jim APPLICANT: Stinchcomb, Dan APPLICANT: Escobedo, Jaime
                                                     NUMBER OF SEQ ID NOS: 1524
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ribozyme Pharmaceuticals, Inc.
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mes 12; Conserv
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Beaudry, Amber
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ORGANISM: Homo sapiens

COUNTRY: U.S.A

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US-09-476-387-880/c
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PRIOR FILLING DATE: 1999-12-29
PRIOR PELICATION NUMBER: 09/301,511
PRIOR FILLING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILLING DATE: 1998-11-04
PRIOR PELICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR APPLICATION NUMBER: 60/064,866
                                                                                                    Patent NO. 002000
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.3
Best Local Similarity 93.3
Matches 14; Conservative
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: RNA
ORGANISM: Homo sapiens
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                                                                                            CORRESPONDENCE ADDRESS:
                              STREET: 633 West r. STREET: Suite 4700
                                                                            ADDRESSEE:
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o. 6617438
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                    Los Angeles
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Beaudry, Amber
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633 West Fifth
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Pred. No. 1.
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Pred. No. 1.1e+03;
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                                                                                                                                                               Patent No. 665
SEQ ID NO 285
LENGTH: 17
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APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN
FILE REFERENCE: MDhMORF-8
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Best Local Similarity
Matches 14; Conserv
                                             Matches
                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence
                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                     SOFTWARE: Aeomica Sequence Listing Engine Vatent No. 6656700
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                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 1881
                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSEQ for Windows 2.0 CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                           / Match 0.3%;
Local Similarity 93.3%;
nes 14; Conservative
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TELEFAX: (213)
TELEX: 67-3510
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1638 GACTCCAAAAAGAGA 1652
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5. 6656700
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Pred. No. 1.
                                                              Score 13.4;
Pred. No. 1.
                                             Mismatches
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                                                              1.1e+03;
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RESULT 1759
US-09-747-391-91/c
; Sequence 91, Application US/09747391
; Patent No. 6670124
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US-09-827-998-287
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; ORGANISM: Homo sapiens
US-09-827-998-286
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                                                                                                                                                                                                                                                                                                                                                         Patent No. 665
SEQ ID NO 287
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN
FILE REFERENCE: MDhMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
CURRENT FILING DATE: 2001-04-06
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Best Local Similarity
Matches 14; Conserv
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SEQ ID NO 286
                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
-09-827-998-287
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APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN
FILE REFERENCE: MDAWORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
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Patent No. 6656700
                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Aeomica
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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INFORMATION:
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Pred. No. 1.1e+03;
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Pred. No. 1.
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CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-10-04

PRIOR PILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00669
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US-09-747-391-91
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                                                                                                                                           Patent No. 6686188
SEQ ID NO 1349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1349, Application US/09866108A
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Query Match
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CURRENT APPLICATION NUMBER: US/09/747,391
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
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APPLICANT: StemCyte, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
                                                                                                                                                                                             SOFTWARE: Aeomica Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US01/00663
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                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                     TYPE: DNA
ORGANISM: Homo sapiens
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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HANZEL, David K.
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Pred. No. 1
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Length 17;
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; ORGANISM: Homo sapiens
US-09-866-108A-1533
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                                                                           GENERAL INFORMATION:
                                                                                              Sequence 1534, App
Patent No. 6686188
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Best Local
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SEQ ID NO 1533
LENGTH: 17
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL; David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Aeomica Sequence Listing Engine
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APPLICATION NUMBER: PCT/US01/00663
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FILING DATE: 2001-01-30
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                                                                                                                Application US/09866108A
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APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PRIOR DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/2036,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PRILING DATE: 2000-10-04
PRIOR PELLING DATE: 2000-10-04
PRIOR PELLING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/USO1/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00667
PRIOR APPLICATION NUMBER: PCT/USO1/00667
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00664
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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SEQ ID NO 1534
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Best Local Similarity 93.3%;
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, David
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PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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Pred. No. 1.1e+03;
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SOFTWARE: Aeomica Sequence, Patent No. 6686188; SEQ ID NO 6323; LENGTH: 17; TYPE: DNA CRGANISM: Homo sapiens US-09-866-108A-6323
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CORGANISM: Homo sapiens
US-09-866-108A-1535
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SEQ ID NO 1535
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Best Local Similarity 93.3%;
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US01/00668
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00663
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PENN, Sharron
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Pred. No. 1.1e+03;
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RESULT 1766 US-09-866-108A-6325

Sequence 6325, Application US/09866108A Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

JI, Yong PENN, Sh HANZEL,

, Yonggang NN, Sharron NZEL, David

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Remaining Prior Application data removed - Se
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6324
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6324
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PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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                                                                                                 Query Match
Best Local
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEGMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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APPLICANT: JI, Yongga
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                      3370 GGCCCTGCAGGGGAG
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GGCCCTGCAGAGGAG
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L, David K.
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Pred. No. 1.1e
0; Mismatches
                                                                                                 Score 13.4; DB 1;
Pred. No. 1.1e+03;
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APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-09-27
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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; Sequence 6702, Application US/09866108A
; Patent No. 6686188
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Patent No. 6686188
SEQ ID NO 6325
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Best Local Similarity
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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ITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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PCT/US01/00664
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Pred. No. 1
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; Sequence 6705, Application US/09866108A
; Patent No. 6686188
                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PILING DATE: 2001-01-30
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US-09-866-108A-6702
US-09-866-108A-6705
                                                 ; Patent No. 6686
; SEQ ID NO 6705
; LENGTH: 17
; TYPE: DNA
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; SEQ ID NO 6702
; LENGTH: 17
; TYPE: DNA
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PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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Best Local Similarity
                                                                                                                                                   Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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                        ORGANISM: Homo sapiens
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CHEN, Wensheng
SHANNON, Mark
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Pred. No. 1.1e+03;
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                                                                                                             RESULT 1770
                                                                                                US-09-866-108A-7087
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CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION UMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR FILING DATE: 2000-09-27

PRIOR FILING DATE: 2000-09-27

PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                               Patent No. 6686
SEQ ID NO 7084
LENGTH: 17
                                            Sequence 7087, Application US/09866108A Patent No. 6686188 GENERAL INFORMATION:
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Best Local Similarity
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ORGANISM: Homo sapiens
-09-866-108A-7084
APPLICANT: GU, Yizhong
APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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                                                                                                                                                                                                                     Local Similarity 93.3
mes 14; Conservative
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APPLICATION NUMBER: PCT/US01/00663
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RANK, David R.
CHEN, Wensheng
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                                                                                                                                                           CCAAGGAGGAGGAGC 17
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PENN, Sharron
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ON NUMBER: PCT/US01/00665
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Yonggang
N, Sharron G.
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Pred. No. 1.1e+03;
0; Mismatches 1;
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Pred. No. 1.
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US-09-866-108A-8196/c
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US-09-866-108A-7087
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; SEQ ID NO 7087
; LENGTH: 17
; TYPE: DNA
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PELICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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APPLICANT: JI, Yonggar
APPLICANT: PENN, Shar:
APPLICANT: HANZEL, Dav
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SOFTWARE: Acomica Sequence Listing Engine
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
FILE REFERENCE: AEOMICA-7
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
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PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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FILING DATE: 2001-01-30
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HANZEL, David K.
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; ORGANISM: Homo sapiens
US-09-866-108A-8196
                                  SOFTWARE: Aeomica :
Patent No. 6686188
SEQ ID NO 8203
LENGTH: 17
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Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8196
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: ABOMICA-7
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ORGANISM: Homo sapiens
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00663
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APPLICATION NUMBER: PCT/US01/00664
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APPLICATION NUMBER: PCT/US01/00667
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CHEN, Wensheng
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REPERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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PRIOR APPLICATION NUMBER: DCT/US01/00666
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: DCT/US01/00667
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SEQ ID NO 8276
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Best Local Similarity
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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                                                                                                                                                        Local Similarity
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00663
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US-09-866-108A-8277

Sequence 8277, Application US/09866108A
Patent NO. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang

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SEQ ID NO 8277
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   -09-866-108A-8278
                                                      PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                            APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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atent No. 6686188
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PRIOR FILING DATE: 2000-05-26
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CURRENT FILING DATE: 2001-05-25
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TLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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HANZEL, David
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US-09-866-108A-8278
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SEQ ID NO 8278
LENGTH: 17
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PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR APPLICATION NUMBER: DCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR APPLICATION NUMBER: PCT/USO1/00663
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PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
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                                  NUMBER OF SEQ ID NOS: 15755
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                                                      emaining Prior Application
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                                                                  APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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RANK, David R.
CHEN, Wensham
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US-09-866-108A-8655; Sequence 8655; Appli; Patent No. 6686188; GENERAL INFORMATION:
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SEQ ID NO 8654
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APPLICANT: JI, Yonggang
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DENN, Sharron G
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Best Local :
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APPLICANT: GU, Yizhong
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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ORGANISM: Homo sapiens
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ITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                                              Application
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; Patent No. 6686188
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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; SEQ ID NO 8655
; LENGTH: 17
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Best Local
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, David
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APPLICANT: SHANNON, MAR'K
TITLE OP INVENTION: MYOSIN-LIKE GENE EXPRES
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
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PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00663
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APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00665
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INVENTION: MYOSIN-LIKE GENE EXPRESSED
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Pred. No. 1
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; ORGANISM: Homo sapiens
US-09-866-108A-9176
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Patent No. 6686188
SEQ ID NO 9176
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Best Local Similarity
Patent No. 668
SEQ ID NO 9177
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                                      Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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CURRENT APPLICATION NUMBER: US/09/866,108A
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2000-10-04
APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
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APPLICATION NUMBER: PCT/US01/00669
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Pred. No. 1.1e+03;
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US-09-866-108A-10447
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; ORGANISM: Homo sapiens
US-09-866-108A-9178
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Patent No. 6686188
SEQ ID NO 9178
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Sequence 9178, Application US/09866108A
Patent No. 6686188
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
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APPLICANT: JI, Yongga
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PENN, Sharron
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Pred. No. 1.1e+03
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Pred. No. 1
                                                                                                                                   Mismatches
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Sequence 10447, Application US/09866108A Patent No. 6686188

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10447
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR EILING DATE: 2000-10-04
PRIOR EILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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SEQ ID NO 10447
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APPLICANT: JI, Yonggan
APPLICANT: PENN, Shar
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PRIOR APPLICATION NUMBER: GB 24263.6
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MOSSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Acomica Sequence Listing Engine
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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Pred. No. 1.1e+03
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                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence: Substrate RNA; OTHER INFORMATION: corresponds to nucleotides 500-711 of pNL 432, OTHER INFORMATION: namely the U5 region of HIV-1 RNA U5-09-763-590-25
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US-09-763-590-25/c
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SEQ ID NO 25
LENGTH: 17
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SEQ ID NO 10448
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APPLICANT: TAIRA, K
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Best Local Similarity 93.3%;
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: EXPRESSION SYSTEMS FOR TRANSCRIPTION OF FUNCTIONAL TITLE OF INVENTION: NUCLEIC ACIDS FILE REFERENCE: 04853.0059-0000 CURRENT APPLICATION NUMBER: US/09/763,590 CURRENT FILING DATE: 2001-06-05 PRIOR APPLICATION NUMBER: PCT/JP99/04718 PRIOR APPLICATION NUMBER: PCT/JP99/04718 PRIOR FILING DATE: 1999-08-31 PRIOR FILING DATE: 1998-08-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                              TYPE: RNA
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KOSEKI, SHIORI
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Pred. No. 1.1e
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Pred. No. 1.1e+03;
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RESULT 1785 US-07-999-280A-19 ; Sequence 19, Application US/07999280A

135:

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Mismatches

1.2e+03 DB 1;

Length 18; Indels

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Gaps

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Version #1.30

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US-08-375-116A-135
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Vers
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/07/999,280A
FILING DATE: 28-DEC-1992
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Szostak, Jack W.
APPLICANT: Huizenga, David
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[NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                        tent No. 563114
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRE
                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
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TELECOMMUNICATION INFORMATION:
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                                                                          COUNTRY:
                                                                                                                              CITY: Boston
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REGISTRATION NUMBER: 31,395
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94662-8097
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NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
COYNE, MAZIE YEE
TULINGER FOR
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                                                                                                                                                          225 Franklin Street
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93.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                FILING DATE: 21-APR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MCGarrigle Jr., Phil
REGISTRATION NUMBER: 31,39
REFERENCE/DOCKET NUMBER: 0
                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/266001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 9617) 542-5070
TELEPAX: (617) 542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: KOTHS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: PC-E
SOFTWARE: PatentIn Rel
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (510) 601-2718
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                      TELEFAX:
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                                                                             TELEX:
                                                                                                                            TELEPHONE:
                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/426,036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
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E: California
TRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: CHIRON CORPORATION
Intellectual Property -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LADNER, MARTHA B.
NOBLE, JANELLE A.
MARTIN, GEORGE A.
                                                                                                      (510) 655-3542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COYNE, MAZIE YEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PatentIn Release #1.0,
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93.3%; Pred. No. 1.
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0681.014

R440, P.O. Box 8097

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RESULT 1789
US-08-426-279-19
; Sequence 19, Application US/08426279
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Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                Matches
                                                                                                                                                                                Query Match
Best Local Similarity
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: Floppy disk
COMPUTER: PAFELICATION PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE ON INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                   LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (415) 573-47
TELEFAX: (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                 270 CTCTCTCTCTTTCTC 284
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                                                                                           CTCTCTCTCTTTTC 16
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JONES, ROBERT J.
                                                                                                                                                                Conservative
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                                                                                                                                                                0,
                                                                                                                                                              Score 13.4; D. Pred. No. 1.2e 0; Mismatches
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Pred. No. 1.
                                                                                                                                                                              .2e+03;
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                                                                                                                                                                                               DB 1;
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                                                                                                                                                                                             Length 18
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; TOPOLOGY: linear; MOLECULE TYPE: DNA (genomic) US-08-426-279-19
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US-08-403-634-25
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APPLICANT: Giordano, Ant
TITLE OF INVENTION: KINA
TITLE OF INVENTION: KINA
TITLE OF INVENTION: OF U
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
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APPLICANT: LADNER,
APPLICANT: NOBLE,
APPLICANT: MARTIN,
                                                                                                                                                                                                                                                                                                                                     Sequence 25, Application US/08403634 Patent No. 5674748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: California
COUNTRY: U.S.A.
CIP: 94662-8097

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATING
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/426,279

FILING DATE: 21-APR-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: MCGSTYICLE IT PSHILLS.
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LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: n/a
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: McGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: KOTHS, KIRSTON E. TITLE OF INVENTION: NEW FORMS OF NUMBER OF SEQUENCES: 24
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APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENBECK, ROBERT F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                        ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz ADDRESSEE: No. 5674748ris STREET: One Liberty Place, 46th floor CITY: Philadelphia
                                                                                   STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.3%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 1.2e+03:
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CITY: Emveryville
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (510) 655-3542
                                                                                                                                                                                                                                                                                              Giordano, Antonio
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                                                                                                                                                                                                                                  OF USING THE
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KINASE-LIKE PROTEINS AND METI
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Best Local Similarity 93.3%;
Matches 14; Conservative
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APPLICANT: LADNER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tent No.
                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TUI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
APPLICATION NUMBER: US 07/999,280
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: McGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/208,575
FILING DATE: 08-MAR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                          SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE
                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: KOTHS, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: CDNA
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                                                                                                                                            APPLICATION NUMBER: US/0 FILING DATE: 08-MAR-1995
                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A. ZIP: 94662-8097
                                                                                                                                                                                                                                                                                                                                 STATE:
                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                  Emveryville
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                                                                                                                                                                                                                                                                                                                               California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/08401013
                                                                                                                                                                                                                                                                                                                                                               E: CHIRON CORPORATION
Intellectual Property - R440, P.O. Box 8097
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LADNER, MARTHA B.
NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
COYNE, MAZIE YEE
HALENBECK, ROBERT F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                            KOTHS, KIRSTON E.
                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESS:
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                                                                                                                                                             US/08/401,013
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Pred. No. 1.2e+03;
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SEQUENCE CHARACTERISTICS
LENGTH: 18 base pairs
                                                                                                                                                                              TELEX: 277871
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotides
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: MS-D
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4"
                                                                                                                                                                                                                                  REGISTRATION NUMBER: 28,061
REFERENCE/DOCKET NUMBER: 92
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
                                                           MOLECULE TYPE: genomic DNA PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                        TELLEFAX: 77871
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: Office of Intellectual STREET: 911 William Pitt Union
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                  AUTHORS:
                                                                                                    TOPOLOGY:
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Similarity 93.3%; Pred. No. 1.
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Pennsylvania
Eleventh International Histocompatibility Workshop Reference Protocol for the HLA-D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: University of Pittsburgh
Office of Intellectual Property
                                 Kimura, A.
Sasazuki, T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                      412/288-3063
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(510) 655-3542
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                                                                                                   linear
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As The Bound Ligands For Use In Re
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ER: 92-232
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 the HLA-DNA-Typing
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Best Local S
Matches 14
                                                                                                                              NAME: Borun, Michael F.
REGISTRATION NUMBER: 2786
REFERENCE/DOCKET NUMBER: 2786
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEPAX: 312-474-0448
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                                                                                                 TELEX: 25-3856
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        tent No. 5700658
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                 APPLICATION NUMBER: US 00 FILING DATE: 05-AUG-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 26-MAY-PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/827,689
FILING DATE: 27-JAN-1992
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APPLICANT: Kilgannon, Patrick D.
TITLE OF INVENTION: ICAM-4 Materials and Methods
NUMBER OF SEQUENCES: 23
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                     FILING DATE: 22-JAN-
PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
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              STRANDEDNESS:
TOPOLOGY: lir
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RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
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                                                                LENGTH:
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                                              nucleic acid
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                                                                18 base pairs
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3 South Wacker Drive, Suite 6300
                                                                                                                                                                                                                                                                                                       22-JAN-1993
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                              single
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Pred. No. 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
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; TOPOLOGY: 1; MOLECULE TYPE: US-08-481-130-20
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Query Match
Best Local Similarity 82.3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
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APPLICANT: Gallatin,
APPLICANT: Kilgannon,
                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                           FILING DATE: 18-MAY-1994
ATTORNEY AGENT INFORMATION:
REGISTER WILLIAMS, JR. JOSEPH *
                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE: 05-AUG-
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ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 233 South Wacker Drive, 6300 Sears Tower
                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 27
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 08/009,266 FILING DATE: 22-JAN-1993
                                                                                                                                                                                                                                                                                                      NAME: WILLIAMS, JR. JOSEPH A. REGISTRATION NUMBER: 38,659
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 07/894,061 FILING DATE: 05-JUN-1992
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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                                                                                                                                         STRANDEDNESS:
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                                                                                                                                                                      LENGTH:
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                                                                                                                                                     1: 18 base pairs nucleic acid
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05-AUG-1993
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                        0.3%; Score 13.4; DB
82.4%; Pred. No. 1.2e+(
tive 1; Mismatches
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Pred. No. 1
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                                         .2e+03
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                                                                                                  US-08-656-984A-20
                                Best Local Similarity
Matches 14; Conserv
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                                                                 Query Match
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
MICHAEL
APPLICANT: Kilgannon, Patrick D.
APPLICANT: Kilgannon, Patrick D.
APPLICANT: KILGAN-4 Materials and Methods
                                                                                                                                                                                                                    NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 01
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION NUMBER: US 08/102,852
PTLING DATE: 05-AUG-1993
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                 TOPOLOGY: 1
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                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 27
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                    TELEFAX: 25-3856
                                                                                                                                                                                                                                                                                                            NAME: WILLIAMS, JR. JOSEPH A. REGISTRATION NUMBER: 38,659
                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 07 FILING DATE: 27-JAN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
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 4626 AGTGAGACAAGGGCTCG 4642
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233 South Wacker Drive, 6300 Sears Tower
                                                                                                                                                                                18 base pairs
                                                                                                                                                                                                                                                 312-474-0448
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                                  Conservative
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18-MAY-1994
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                                                                                                                                               single
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                                                Score 13.4; DB 1;
Pred. No. 1.2e+03;
                                  Mismatches
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US-08-485-604-20
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                                                                Matches
                                                                           Query Match
Best Local
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                                                                                                                                                                                                                                          TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
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ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, JR. JOSEPH A.
REGISTRATION NUMBER: 38,659
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PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/102,852
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APPLICATION NUMBER:
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APPLICATION NUMBER:
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TITLE OF INVENTION: ICAM-4 Materials and Methods
                                                                                                                                                           TYPE: nucleic
STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 05-JUN
                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 27
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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                              4626 AGTGAGACAAGGGCTCG 4642
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                                                                                                                                                         H: 18 base pairs nucleic acid DEDNESS: single OGY: linear
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ARGGTGACAAGGGCTCG 18
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                                                              Conservative
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3 South Wacker Drive, 6300 Sears Tower
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05-JUN-1992
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                                                            Score 13.4; Di
Pred. No. 1.2e
1; Mismatches
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                                                                                           Length 18;
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                                                                   Matches
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                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION NUMBER: US 07/976,103
                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 514
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
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                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 0'
FILING DATE: 23-OCT-1992
                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/799,824 FILING DATE: 26-NOV-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 14-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
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                                 270 CTCTCTCTCTTTCTC 284
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5830653
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                                                                                                                                                                                                                                                                         (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FROEHLER, BRIAN WAGNER, RICK MATTEUCCI, MARK
                                                                 Conservative
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                                                                                 Score 13.4;
Pred. No. 1.
                                                                 Mismatches
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US-08-117-952-532
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US-08-229-528-22/c
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                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/229
FILING DATE: 18-APR-1994
PRIOR APPLICATION DATA:
APPLICATION UMBER: 07/868,56
FILING DATE: 15-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Scanlon, William J.
REGISTRATION NUMBER: 30,136
REFERENCE/DOCKET NUMBER: 3038
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: GORSKI
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                            TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES NUMBER OF SEQUENCES: 797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: 1
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS 3.3
SOFTWARE: WordParfect, Version 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 53701-1497
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,3.50 inch, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FITLE OF INVENTION:
                                                                                              STREET: 444 South
CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
nes 14; Conserv
                                        ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Madison
                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LECULE TYPE: Other nucleic acid;
DESCRIPTION: Synthetic DNA oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH:
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                                                                                Ç
                                                                                                                    E: Pretty, Schroeder, Brueggemann & Clark 444 South Flower Street, Suite 2000
                                                                                                                                                                                                                                                                                                              Application US/08117952
                                                              USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.3%; Score 13.4; DB 1; 93.3%; Pred. No. 1.2e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              07/868,569
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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -08-487-595-20
                                                                                            FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
PRIOR APPLICATION NUMBER: US 07/889,724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL: NO
                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
                                                                                                                                                                                                                                                                                                                                                         STREET:
STREET:
CITY: Chicago
CITY: Illinois
'mr: Illinois
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08
FILLING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Gallatin, W. Michael
APPLICANT: Kilgannon, Patrick D
                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                       APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
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                CATION DATA:
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233 South Wacker Drive, 6300 Sears Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                18 base pairs
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                                05-JUN-1992
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                                                                                                                                                                                                                     US/08/487,595
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US 08/009,266
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Pred. No. 1.
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US-08-585-684B-2720
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Matches
                                   Patent No. 587702
                                                                                                                                                                                                                               Query Match
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TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
                GENERAL INFORMATION:
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FILING DATE: 05-AUG-
PRIOR APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 18-MAY-1994
ATTOKNEY/AGENT INFORMATION:
NAME: WILLIAMS, JR. JOSEPH A.
REGISTRATION NUMBER: 38,659
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 22-JAN-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                        STRANDEDNESS: Si
TOPOLOGY: linear
MOLECULE TYPE: cDN
                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                             ENGTH:
                                                                                                                                                               4626 AGTGAGACAAGGGCTCG 4642
                                                                                                                                2 ARGGTGACAAGGGCTCG 18
                                                                                                                                                                                                                                                                                                                                           18 base pairs
                                                 Application US/08585684B
                                                                                                                                                                                               Conservative
Stinchcomb, Daniel T.
                                                                                                                                                                                                                                                                                CDNA
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                                                                                                                                                                                                                                                                                                             single
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                                                                                                                                                                                             0.3%; Score 13.4; 1
82.4%; Pred. No. 1.20
ative 1; Mismatches
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NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218,
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440 SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION NUMBER: 60/000,951
APPLICATION NUMBER: 60/000,951 FILING DATE: July 7, 1995 ATTORNEY/AGENT INFORMATION: COMPUTER READABLE FORM: TITLE OF INVENTION: CORRESPONDENCE ADDRESS: TITLE OF INVENTION: APPLICANT: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: storage COMPUTER: IBM Compatible STREET: 633 West Fifth Street STREET: Suite 4700 OPERATING SYSTEM: CITY: Los Angeles STATE: California COUNTRY: U.S.A. ADDRESSEE: 90071 Jarvis, McSwiggen, IBM Compatible Lyon & Lyon METHOD AND REAGENT FOR THE INDUCTION OF GRAFT TOLERANCE AND REVERSAL OF IMMUNE RESPON: 2751 Thale IBM P.C. 218/078 DOS 5.0

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RESULT 1803
US-09-205-921-32/c
; Sequence 32, Application US/09205921A
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Best Local Similarity
Matches 13; Conserv
                                                                                                                                            Matches
                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 30,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/715,032
FILING DATE: 17-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: $11veri, Jean M.
REGISTRATION NUMBER: 39,030
REGISTRATION NUMBER: MNI-005CP
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Gimeno, Carlos J.
TITLE OF INVENTION: Therefor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                  TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Boston
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                                                                                                             1597 CAGAGAAGAAGA 1611
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                                                                                 CAGCGAAGGAGAAGA 16
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                                                                                                                                                                                                                                                                                                                       : (617)227-7400
(617)227-5941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gimeno, Carlos J. and Errada, Patrick, R. VENTION: Weight Control Pathway Genes and
                                                                                                                                            Conservative
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86.7%;
                                                                                                                                                        93.38;
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Pred. No. 1.2e
0; Mismatches
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Pred. No. 1.2e+03;
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Query Match
Best Local Similarity
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                                                                                       ; MOLECULE TYPE: US-09-165-543-24
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US-09-165-543-24
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SEQ ID NO 32
LENGTH: 18
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 24, Application US/09165543 Patent No. 6093545
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                                                                                                                                                                                                                             FILING DATE:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth A. Hanley
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: WNI-
TELECOMMUNICATION INFORMATION:
TELECHOME: (617)227-7400
TELEFHONE: (617)22-4214
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APPLICANT: ex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
FILE REFERENCE: RTS-0028
CURRENT APPLICATION NUMBER: US/09/205,921A
CURRENT FILING DATE: 1998-12-04
                                                                                                                                                                                                                 TELEFAX: (617)742-421.
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Andrew D.J. Goodearl and Sandra Glucksman TITLE OF INVENTION: Muscarinic Receptors and Uses The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDITION OF THE STREET: STREET: Soston Massa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIIM TYPE: Floppy disk
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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                                                                                                                                         STRANDEDNESS:
                                                                                                                                                               TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/165,543
                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
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                                   93.3%;
                0.3%; Score 13.4; DB 1;
93.3%; Pred. No. 1.2e+03;
ive 0; Mismatches 1
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Pred. No. 1.2e+03;
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                                                     DB 1;
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                                                  Length 18;
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RESULT 1805
US-08-426-570-19
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                                                                                                                                                                                                                                                       Sequence 115, Application US/09280409 Patent No. 6107092 GENERAL INFORMATION:
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Best Local :
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,570
FILING DATE: 21-APR-1995
CLASSIFICATION: 530
APPLICANT: Lex M. Cowsert
APPLICANT: C. Frank Bennett
APPLICANT: Eart W. O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
PILE REFERENCE: RTS-0048
CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: McGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA (genomic)
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRANDEDNESS: BIT STRAND
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California
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NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
COYNE, MAZIE YEE
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Intellectual Property - R440, P.O. Box 8097
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Pred. No. 1.
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US-08-425-876-19
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SEQ ID NO 115
LENGTH: 18
                            Matches
                                         Query Match
Best Local (
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: McGarrigle Jr., Philip
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 061
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: LADNER
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                             TOPOLOGY: 1
MOLECULE TYPE:
                                                                                                                                                                 SEQUENCE CHARACTERISTICS
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                                                                                                                        STRANDEDNESS:
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 1561 AGAAATTTCTGAATA 1575
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94662-8097
                                           Similarity
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                                                                                                                                    1: 18 base pairs
nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Emveryville
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENCE ADDRESS:
E: CHIRON CORPORATION
Intellectual Property -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LADNER, MARTHA B.
NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
                                                                                                                                                                                                          (510) 655-3542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            KOTHS, KIRSTON E.
/ENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COYNE, MAZIE YEE
                                                                                                              linear
                                                                                              DNA (genomic)
                                                                                                                       single
                                        0.3%;
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93.3%; Pred. No. 1
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                                         Score 13.4; DB 1;
Pred. No. 1.2e+03;
                            Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       R440,
                                                                                                                                                                                                                                                                                                                                                              Version #1.25
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RESULT 1809
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                                                                                                                               Sequence 30, Application US/09252329 Patent No. 6147192
                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 19,
                      GENERAL INFORMATION:
APPLICANT: Gimeno, Carlos J. and Errada, Patrick, R.
TITLE OF INVENTION: Weight Control Pathway Genes and Uses
TITLE OF INVENTION: Therefor
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 07/999,280
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: MCGarrigle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: n/a
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 07/999,280
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: KOTHS, KIRSTON E. TITLE OF INVENTION: NEW FORMS OF NUMBER OF SEQUENCES: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: California
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               ADDRESSEE:
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                                                                                                                                                                                                                                                   1561 AGAAATTTCTGAATA 1575
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TYPE: DNA (genomic)
                                                                                                                                                                                                                                  AGAAGTTTCTGAATA 17
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NOBLE, JANELLE A.
MARTIN, GEORGE A.
KAWASAKI, ERNEST S.
COYNE, MAZIE YEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: CHIRON CORPORATION
Intellectual Property - R440, P.O. Box 8097
E: LAHIVE & COCKFIELD, LLP 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (510) 655-3542
                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                93.38;
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Pred. No. 1
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US-09-213-719-17/c
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                                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-17
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                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/213,719B
CURRENT FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                      Sequence 17, Application US/09213719B Patent No. 6150162 GENERAL INFORMATION:
                                                                              Best
                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches 14;
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                                                                Matches
                                                                                                                                                                                                                                                                                                                                    APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION FILE REFERENCE: RTS-0006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (617)227-594
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Silveri, Jean M.
REGISTRATION NUMBER: 39,030
REFERENCE/DOCKET NUMBER: WNI-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                               LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: CDNA
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOSTWARE: PATENTIN Re-lease #1.0, Version #1.25
CURRENT APPLICATION DATA:
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COUNTRY:
                                                                              / Match 0.3%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 1.2e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Match 0.3%;
Local Similarity 93.3%;
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                               4180 CCTATGCAAGGCTTT 4194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1597 CAGAGAAGGAGAAGA 1611
16
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                                                                Conservative
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Pred. No. 1.2e+03;
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                                                                             1.2e+03;
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US-08-913-441B-25 iS-08-913-441B-25 ; Sequence 25, Application US/08913441B ; Patent No. 6162612

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LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 6194150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 8321-76 CI1
CURRENT APPLICATION NUMBER: US/08/913,441B
CURRENT FILING DATE: 1997-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Stinchcomb,
APPLICANT: Jarvis, Thal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 08/403,634
PRIOR TILING DATE: 1995-03-14
PRIOR APPLICATION NUMBER: PCT/US96/0:
PRIOR FILING DATE: 1996-03-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Giordano, Antonio
TITLE OF INVENTION: No. 6162612el Human Cyclin-Dependent Kinase-Like Proteins and
TITLE OF INVENTION: Methods of Using The Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: McSwiggen, Jo
TITLE OF INVENTION: METH
TITLE OF INVENTION: INDU
TITLE OF INVENTION: AND
NUMBER OF SEQUENCES: 279
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
                                                                                 NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                              FILING DATE: PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA:
                    SEQUENCE CHARACTERISTICS:
                                      TELEFAX: 12-10
TELEFAX: 67-3510
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                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Suite 4700
18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2: Lyon & Lyon
633 West Fifth Street
                                                                      (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                 U.S.A.
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                                                                                                                                                                                                                                                                                                                       IBM P.C.
                                                                                                                                                                                                                                                                   US/09/038,073
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Pred. No. 1.2e
0; Mismatches
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                                                   Matches
                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 13;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                         TELEX: n/a
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                             REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
                                                                                                                                                                                                                                                                                              CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MCGarrigle Jr., Philip L.
                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,632
FILING DATE: 09-MAR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                 TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: KOTHS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
                                                Local Sim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP:
                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                 TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY:
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                                                                                                                                                                           LENGTH:
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                    1561 AGAAATTTCTGAATA 1575
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                                                                Similarity
                                                                                                                                                        nucleic acid
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California
AGAAGTTTCTGAATA 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Intellectual Property -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                   (510) 655-3542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LADNER, MARTHA B. NOBLE, JANELLE A. MARTIN, GEORGE A.
                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             KAWASAKI, ERNEST S.
COYNE, MAZIE YEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  KOTHS, KIRSTON E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HALENBECK, ROBERT F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                    linear
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                                                                                                                    DNA (genomic)
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86.7%;
                                                                0.3%; Score 13.4;
93.3%; Pred. No. 1
                                                   <u>,</u>
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Pred. No. 1.2e+03;
                                                     Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 R440, P.O. Box 8097
                                                                DB 1;
.2e+03;
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                                                                            Length 18;
                                                     Indels
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RESULT 1814 US-09-102-528-17/c

Sequence 17, Application US/09102528

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US-09-025-819-27/c
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TOPOLOGY: linear
HOLECULE TYPE: cDNA
US-09-102-528-17
                                                                                     COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAECHIIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/025,819
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UP 251675
PILING DATE: 17-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Khalilian, Houri
REGISTRATION NUMBER: 10215/2
REFERENCE/DOCKET NUMBER: 10215/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.3%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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Patent No.
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APPLICANT: Obata, Shusei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION
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INFORMATION FOR SEQ ID NO:
TELEFAX: 202-220-4201 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: DNA Sequences
NUMBER OF SEQUENCES: 32
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Nishino, Tokuzo
APPLICANT: Koyama, Tanetoshi
APPLICANT: Sato, Yoshihiro
TITLE OF INVENTION: DECAPRENYL DIPHOSPHATE SYNTHETASE GENE
NUMBER OF SEQUENCES: 31
                                   REFERENCE/DOCKET NUMBER: 10:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-220-4200
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LENGTH: 18 base pairs
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APPLICATION NUMBER:
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/102,528 FILING DATE:
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5. 6225097
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Pred. No. 1.
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DESCRIPTION: /desc = "synthetic
US-09-025-819-27
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Best Local Similarity
Matches 14; Conserv
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                                                                                          Query Match
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                                                                                                                                                                                                                                                                  CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/935,444
FILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KAITE H.
REGISTRATION NUMBER: 29,959
REGISTRATION NUMBER: 24610-2003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                     TELEX: 706141
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: C
                                                                                                                                                   LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                      TELEPHONE: (415) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
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                                                                                                                                        TOPOLOGY:
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                             270 CTCTCTCTCTTCTC 284
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                                                                           Similarity
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JONES, ROBERT J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX FORMATION DIRECTED BY OLIGONUCLECTIDES CONTAINING MODIFIED PYRIMIDINES
                                                           0.3%; Score 13.4; DB 1; 93.3%; Pred. No. 1.2e+03; tive 0; Mismatches 1;
                                                                                                                                                                                                                       12:
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Pred. No. 1.2e+03;
                                                                                                                                                                                                                                                                                                  24610-20035.20
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                                                                                          Length 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 18;
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                                                            Gaps
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: RTS-0053
CURRENT APPLICATION NUMBER: US/09/630,706
CURRENT FILING DATE: 2000-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: C. Frank Bennett

APPLICANT: Lex M. Cowsert

ITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                 OPERATING SYSTEM:
SOFTWARE: Word Pe
                                                                                              NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                              APPLICATION NUMBER: US/08/584,040 FILING DATE: January 11, 1996
                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
                                                                                                                                                                                                   CLASSIFICATION:
                             TELEFAX:
                                               TELEPHONE:
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: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         McSwiggen, James
Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pavco, Pamela
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                                  (213)
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                                                                                                                                                                                                                                                                    Word Perfect 5.1
                                                                                                                                                                                                                                                                                                  IBM Compatible
SEQ ID NO: 6218:
                                                (213)
                               955-0440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OF VASCULAR ENDOTHELIAL GROWTH FACTOR
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                                                                                                                                                                                                                                                                                    IBM P.C. DOS 5.0
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Pred. No. 1.2e+03;
                                                                                                                                                                                                                                                                                                                                      1.44 Mb
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Best Loc
Matches
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                              Query Match
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Best Local Similarity
                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Disl
MEDIUM TYPE: storage
MEDIUM TYPE: Storage
COMPUTER: IBM Compating
OPERATING SYSTEM: IBM
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
PRIOR APPLICATION NUMBER: 60/005,974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
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                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                FILING DATE: October 26, 1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                                                   TELEFAX: (--3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
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y Match 0.3%; Score 13.4; Local Similarity 93.3%; Pred. No. 1 hes 14; Conservative 0; Mismatche
                                                                             LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 633 West F. STREET: Suite 4700
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TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Diskette,
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Pred. No. 1
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                                  DB
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                                Length 18;
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Mismatches

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US-09-569-648-7
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                                                      Sequence 7, Application US/09569648
Patent No. 6380212
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                     Query Match
Best Local
                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: WARDURG, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 489-1600
                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 633 West Fifth Street
STREET: 634 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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TITLE OF INVENTION: ME
TITLE OF INVENTION: TO
TITLE OF INVENTION: CC
TITLE OF INVENTION: OF
TITLE OF INVENTION: GF
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                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                             3159 CTCACCAGCCACGAC 3173
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5. 6346398
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                                                                                                                                                                                                                                                                                                        Similarity
APPELBAUM, PETER C. CREDITO, KIM L. DAVIES, TODD
                                                                                                                                                                                                                                                                                                                                                                                                                                            18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pavco, Pamera
McSwiggen, James
                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                     0.3%; Score 13.4; DB 1; Length 18; 86.7%; Pred. No. 1.2e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR
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RESULT 1822
US-08-599-738A-11
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TYPE: DNA
ROANISM: Haemophilus influenzae
US-09-569-648-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: PANKUCH, GLENN A.
TITLE OF INVENTION: METHODS OF USE OF QUINOLONE COM
TITLE OF INVENTION: METHODS OF USE OF QUINOLONE COM
TITLE OF INVENTION: METHODS OF USE OF QUINOLONE COM
TITLE OF INVENTION: METHODS: US/09/569,648
CURRENT FILING DATE: 2000-05-12
PRIOR APPLICATION NUMBER: 09/39,657
PRIOR FILING DATE: 199-09-21
PRIOR FILING DATE: 1999-09-21
PRIOR APPLICATION NUMBER: 09/39,661
PRIOR FILING DATE: 1999-09-21
PRIOR FILING DATE: 1999-09-21
PRIOR APPLICATION NUMBER: 09/39,662
PRIOR APPLICATION NUMBER: 60/141,456
PRIOR APPLICATION NUMBER: 60/141,456
PRIOR APPLICATION NUMBER: 60/142,729
PRIOR APPLICATION NUMBER: 60/142,729
PRIOR APPLICATION NUMBER: 60/142,729
PRIOR APPLICATION NUMBER: 60/142,729
PRIOR APPLICATION NUMBER: 60/142,729
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Best Local Similarity
Matches 14; Conserv
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Patent No. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/1
PRIOR FILING DATE: 1999-07-09
NUMBER OF CENTER 1999-07-09
APPLICATION NUMBER: US/08/599,738A FILING DATE: 12-FEB-1996 CLASSIFICATION: 536 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/473,481 FILING DATE: 07-JUN-1995 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                        ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: FROEHLER,
APPLICANT: WAGNER, R.
APPLICANT: MATTEUCCI
APPLICANT: JONES, RO
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                                                                                                                                                                                                                                                        STREET: 353 Lakeside Drive CITY: Foster City STATE: California
                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1535 GAAAATCCTGCAGCT 1549
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KELLY, LINDA M.
PANKTICU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/08599738A
                                                                                                                                                                                                                                                                                                      USA
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MATTEUCCI, MARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GUTIERREZ, ARNOLD J. PUDLO, JEFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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Pred. No. 1.
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RESULT 1823
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                                                                                                                                                                                                                                                                    FILE REPERENCE: JEFF-0231

CURRENT APPLICATION NUMBER: US/09/015,188C

CURRENT FILING DATE: 1998-01-29

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 15
                                                                                Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 15, Application US/09015188C Patent No. 6399358
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Best Local Similarity
                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Primer -09-015-188-15
                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Williams, Kevin J
APPLICANT: Tabas, Ira
TITLE OF INVENTION: A Human Gene Encoding Human Chondroitin
TITLE OF INVENTION: 6-Sulfotransferase
                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                          LENGTH: 18
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 536
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TORNEY/AGENY TORNEY AND NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REGISTRATION NUMBER: 162.3D2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 25-AUG-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                          3672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 270 CTCTCTCTCTTTCTC 284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 CTCTCTCTCTTTTC 16
                                          ATCTTGTCGCCCAGC 3686
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                Conservative
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23-OCT-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      UMBER: US 07/976,103
25-NOV-1992
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                                                                                                  0.3%;
93.3%;
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                                                                                                Score 13.4; DB 1;
Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
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                                                                                                                  Length 18
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HOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "synthetic DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 27:

US-09-808-126-27
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Best Local Similarity
Matches 14; Conserva
                                                                                                                                                                                                                                  RESULT 1825
US-09-803-951-27/c
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                                                                                                                                                      Sequence 27, Application US/09803951
Patent No. 6413761
GENERAL INFORMATION:
APPLICANT: Obata, Shusei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 27, Application US/09808126 Patent No. 6410280 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 202-220-4201
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: 09/025,819

PILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:

NAME: Khalilian, Houri
REGISTRATION NUMBER: 39,546
REFERENCE/DOCKET NUMBER: 10235/2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-220-4200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CCASSIFICATION: COMPOTER: 1BM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/808,126
FILING DATE: 08-May-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                            3950 CCCGGCGGTGCTGCA 3964
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: KENYON & KENYON
STREET: 1500 K Street, N.W
CORRESPONDENCE ADDRESS:
ADDRESSEE: KENYON & KENYON
STREET: 1500 K Street, N.W
                                                          TITLE OF INVENTION: DECAPRENYL DIPHOSPHATE SYNTHETASE GENE NUMBER OF SEQUENCES: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: DECAPRENYL DIPHOSPHATE SYNTHETASE GENE NUMBER OF SEQUENCES: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Obata, Shusei
                                                                                                                                                                                                                                                                                                                16 CCCGGCGGTGCAGCA 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                              Nishino, Tonus
Noyama, Tanetoshi
Koyama, Tanetoshi
Sato, Yoshihiro
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Koyama, Tanetoshi
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US-08-744-481A-33/c
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Best Local Similarity
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APPLICANT: K ster
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TELEFAX: 202-220-4201
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                       STREET: """
STREET: """
STREET: """
CITY: La Jolla
CTATE: California
""SA
APPLICATION NUMBER: 08/617,256
FILING DATE: March 18, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: DNA D
                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                          APPLICATION NUMBER: US/08/744,481A FILING DATE: No. 6428955ember 6, 1996
                                                                                                                                                                                                                                                                                                             ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Khalilian, Houri
REGISTRATION NUMBER: 39,546
REFERENCE/DOCKET NUMBER: 10235/2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Khalilian, Houri
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16 CCCGGCGGTGCAGCA 2
                                                                                                                                                                                                                                                                                                             92037-9103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/803,951 FILING DATE: 13-Mar-2001 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                          4250 Executive Square,
                                                                                                                                                                                                                                                                                                                                                                                          HELLER EHRMAN WHITE & MCAULIFFE 50 Executive Square, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
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                                                                                                                                                                 US/08/744,481A
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Pred. No. 1.2e+03;
0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
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; TYPE: DNA
; ORGANISM: H. sapiens
US-09-328-174A-43
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US-09-328-174A-43
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                                                                         Sequence 10, Application US/09920760
Patent No. 6492173
GENERAL INFORMATION:
APPLICANT: Lex M. COWSETT
TIPLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN DZ EXPRESSION FILE REFERENCE: RTS-0275
CURRENT APPLICATION NUMBER: US/09/920,760
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 10
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: 1
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APPLICANT: Guida, Marco
APPLICANT: Kurth, Janice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.3%;
Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.3%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 1.2e+03; Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
TITLE OF INVENTION: (STP2)
FILE REFERENCE: 4389-6 (formerly SEQ-16P)
CURRENT APPLICATION NUMBER: US/09/328,174A
CURRENT FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 09/328,174
RIOR APPLICATION NUMBER: 09/328,174
RIOR APPLICATION NUMBER: 09/328,174
RIOR FILING DATE: 1999-06-08
NUMBER OF SEQ ID NOS: 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 43,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (617)587-536
INFORMATION FOR SEQ ID NO:
OTHER INFORMATION: Antisense Oligonucleotide
                                       TYPE: DNA
ORGANISM: Artificial Sequence
                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: CDNA
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LENGTH: 18 base pairs
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 450-8400
TELEPHONE: (617) 587-5360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                             5026 GIGGGCCTCTTGGTT 5040
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Pred. No. 1.2e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 18;
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Query Match

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Score 13.4; DB 1;

Length 18;

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Patent No. 6537751
GENERAL INFORMATION:
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                                                                                                                                               SEQ ID NO 4736
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 3939
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                                                                                                                                                                                                                          EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               09-422-978-4736
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
                                                                                                                                                                                                                                                                                                                                             APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
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TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET 020CP1
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EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                      NUMBER OF SEQ
                                                                                                                                                                                       EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
NAME/KBY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-17418 for SEQ 802,
                                                                                     TYPE: DNA
ORGANISM: Homo Sapiens
                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: primer_bind
LOCATION: 1..18
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                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/422,978 FILING DATE: 1999-10-20
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Pred. No. 1.
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SEQ ID NO 44
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                                                                                                                                                                                                                                                                                     Patent No. 654473
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           TITLE OF INVENTION: A new method of identifying non-host plant disease FILE REFERENCE: r gene patent CURRENT APPLICATION NUMBER: US/09/387,286 CURRENT FILING DATE: 1999-08-31 EARLIER APPLICATION NUMBER: 60/098,402 EARLIER FILING DATE: 1998-08-31 NUMBER OF SEQ ID NOS: 66 SOFTWARE: PatentIN Ver: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density..
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                    APPLICANT: Rommens, Caius M T
APPLICANT: Zhang, Bei
APPLICANT: Swords, Kathy M M
APPLICANT: Yan, Hua
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
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EARLIER FILING DATE: 1998-04-21
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NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-8472 for SEQ 2092,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
nes 14; Conserv
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Pred. No. 1
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Pred. No. 1
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ORGANISM: Artificial Sequence FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:synthetic

TYPE: DNA

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US-09-371-772B-2980
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Best Local S
Matches 12
                                          SOFTWARE: PatentIn version 3.0 SEQ ID NO 4012 LENGTH: 18
                                                                                     APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHBOO, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1995-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR SEQ ID NOS: 14225
NUMBER OF SEQ ID NOS: 14225
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
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APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
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CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
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ORGANISM: Mus sp.
ORGANISM: Mus sp.
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McSwiggen, Jim
Stinchcomb, Dan
Escobedo, Jaime
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Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
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RESULT 1836
US-09-657-013-93/c
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; OTHER INFORMATION: Primer US-09-657-013-93
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US-09-371-772B-4031
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                                                                                                                                                                 GENERAL INFORMATION:

APPLICANT: Zoghbi, Huda Y.

APPLICANT: Yon den Veyver, Ignatia B

APPLICANT: Amir, Ruthie

APPLICANT: Amir, Ruthie

APPLICANT: Francke, Uta

TITLE OF INVENTION: Methods of Identifying Mutations in a Methyl-CPG-Binding Domain

TITLE OF INVENTION: Containing Gene or Protein in Neurodevelopmental Disease and Tr

FILE REFERENCE: HO-P01893US1/09905371

CURRENT APPLICATION NUMBER: US/09/657,013

CURRENT APPLICATION NUMBER: US/09/657,013

CURRENT FILING DATE: 1909-09-07

PRIOR FILING DATE: 1909-09-07

NUMBER OF SEQ ID NOS: 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.3%;
Best Local Similarity 86.7%;
Matches 13; Conservative
                                                                                                                         SOFTWARE: PatentIn version 3.1 SEQ ID NO 93
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SEQ ID NO 4031
LENCTH: 18
TYPE: RNA
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APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4031, Application US/09371772B Patent No. 6566127
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                         ENGTH: 18
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Local Similarity 93.3%;
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McSwiggen, Jim
Stinchcomb, Dan
Escobedo, Jaime
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Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
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US-08-202-389-53
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Best Local Similarity 93.3%;
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Patent No. 6753168
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CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 08/599,738
PRIOR FILING DATE: 1996-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Gutierrez, Arnold J.
APPLICANT: Pudlo, Jeff
TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
TITLE OF INVENTION: Containing Modified Pyrimidines
FILE REFERENCE: GLIS0155
                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 10/024,818
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mateucci, Mark
APPLICANT: Jones, Robert
APPLICANT: Gutierez, Arn
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH:
                                                                                                                                                                                      TITLE OF INVENTION: IDENTIFICATION OF NOVEL TITLE OF INVENTION: PHOSPHATASES HAVING SH2 NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynol
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                   APPLICANT: Plutzky, Jorge
APPLICANT: Neel, Benjamin G.
APPLICANT: Rosenberg, Robert D.
                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                      STREET:
                                                                                                                       COUNTRY:
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Pred. No. 1.
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Pred. No. 1.2e+03;
0; Mismatches 1;
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                      Version #1.25
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US-08-373-124A-21
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Patent No. 564604
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APPLICANT:
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OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION UMBER: 08/192,943
FILING DATE: February 7, 1994
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LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                  ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND TITLE OF INVENTION: CANCER USING RIBOZYMES NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: BIH92-05MA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 0 FILING DATE: 26-JUN-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 07/829,141 FILING DATE: 31-JAN-1992 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 01-DEC-PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
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Jarvis, Thale
                                                                                                                                                                                                                                                                                                                                      U.S.A.
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: GOLDSTEIN, JOTGE A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1329
TELECOMMUNICATION INFORMATION:
TELEPAN: 202-371-2600
TELEPAN: 202-371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Iannuzzi, Micha APPLICANT: Drumm, Mitcha APPLICANT: Buckwald, Mar TITLE OF INVENTION: Cyall NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/466,886
FILING DATE: 06-UN-1995
CLASSIFICATION: 435
CLASSIFICATION: 435
MOLECULE TYPE: -466-886-2
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TYPE: nucleic acid
STRANDEDNESS: single
                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.3%; Score 13.4;
Local Similarity 86.7%; Pred. No. 1.
1es 13; Conservative 1; Mismatche
                                      TOPOLOGY:
                                                                        TYPE: nucleic acid
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Rommens, Johanna M.
Kerem, Bat-Sheva
Collins, Francis S.
Iannuzzi, Michael C.
Drumm, Michell L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: STERNE, KESSLER, GOLDSTEIN & FOX 1100 New York Avenue, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Buckwald, Manuel
TVENTION: Cystic Fibrosis Gene
SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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TOPOLOGY: US-08-435-628-21
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US-08-435-628-21
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Best Local Similarity
Matches 14; Conserv
Matches
            Query Match
Best Local Similarity
                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                  NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                             TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U
ZIP: 90071
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                                                                                                                                          67-3510
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Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Draper, Kenneth
                                                               linear
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          0.3%;
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93.3%; Pred. No. 1.3e+03;
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Score 13.4; DB 1;
Pred. No. 1.3e+03;
1; Mismatches 1;
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CAGCAGUGGCCACAA 19

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                                                                                                                                                                                                                                                            Sequence 83, Apprase No. 5856188
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: RNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 43
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                       CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: White, John P.
REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 07-JU
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OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                      COUNTRY:
                                                                                                              CITY: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            19 base pairs
                                                                                                                           E: Cooper & Dunham LLP
1185 Avenue of the Americas
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Pred. No. 1.3e+03;
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LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
US-08-485-689-83
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US-08-476-021A-39/c
US-08-476-021A-39
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                                                                                                                           TELEFAX: 212-278-0526 INFORMATION FOR SEQ ID NO:
                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION UNMESE: 28,678
REFERENCE/DOCKET NUMBER: 4386
TELECOMMUNICATION: INFORMATION:
TELEPHONE: 212-278-0400
TELEPHAX: 212-278-0526
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INFORMATION FOR SEQ ID NO:
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NAME: White, John P
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-C1X/JPW/KJP
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
                                                                                        SEQUENCE CHARACTERISTICS LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     THILB OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES NUMBER OF SEQUENCES: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Hampel, Arnold E. APPLICANT: Tritz, Richard H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 212-278-0400
               TOPOLOGY: 1:
                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/476,021A FILING DATE: 07-JUN-1995 CLASSIFICATION: 514
                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 07
CLASSIFICATION:
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                                                                     nucleic acid
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                                                  single
               (genomic)
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Query Match

0.3%; Score 13.4;

DB 1;

Length 19;

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US-08-478-608B-39/c; Sequence 39, Application US/08478608B
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Best Local 9
                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 19 base True
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 83, Application US/08476021A Patent No. 5858785
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                                                                                                                                                                ent No. 5869339 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4386
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                               APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 07-JUN-199
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: 1:
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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CORRESPONDENCE ADDRESS:
ADDRESSEN. ~----
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                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
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                                  New York
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                 New York
                                               E: Cooper & Dunham
1185 Avenue of the
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1185 Avenue of the Americas
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United States Of America
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                                                                                                                                                                                                                                                                                                                                                                                                                              RNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                            single
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93.3%; Pred. No. 1.3e+03;
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Americas
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,608B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 83, Application US/08478608B Patent No. 5869339
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INFORMATION FOR SEQ ID NO:
                                                                          TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,608B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
             SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: núcleic acid
                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 438
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy (
COMPUTER: IBM PC com
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: RNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                        TELEPHONE: 212-278-0526
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   STRANDEDNESS:
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1185 Avenue of the Americas
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single
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93.3%;
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Pred. No. 1.3e
0; Mismatches
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US-08-912-272-86

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Query Match
Best Local Similarity
Marches 14; Conserva
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                                                                                                                                     ; TYPE: DNA
; ORGANISM: Homo sapiens
US-07-890-609-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA; ORGANISM: Homo sapiens US-08-469-461-6
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US-08-469-461-6
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                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Tsui, Lap-Chee
APPLICANT: Rommins, Johanna M.
APPLICANT: Rommins, Johanna M.
APPLICANT: Rommins, Johanna M.
APPLICANT: Rommins, Johanna M.
APPLICANT: Rommins, Johanna M.
APPLICANT: Rommins, Johanna M.
APPLICANTION: Introns and Exons of the Cystic Fibrosis Gene iTITLE OF INVENTION: Mutations at Various Positions of the Gene FILE REPERENCE: 3477-61, 033477/139940
CURRENT APPLICATION UNMBER: US/07/890,609C
CURRENT FILING DATE: 199-07-13
NUMBER OF SEQ ID NOS: 33
                                                                                                                                                                                         SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 19
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Best Local Similarity
Matches 14; Conserv
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Patent No. 6001588
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Tsui, Lap-Chee
APPLICANT: Rommins, Johanna M.
APPLICANT: Kerem, Bat-Sheva
TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene
TITLE OF INVENTION: Mutations at Various Positions of the Gene
FILE REFERENCE: 3477-61, 033477/139840
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/08/469,461B
CURRENT FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.0
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Local Similarity 93.3%;
hes 14; Conservative
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                               1491 AAGAAGTCCAAGGAT 1505
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milarity 93.3%;
Conservative
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                                                                  Score 13.4; DB 1;
Pred. No. 1.3e+03;
0; Mismatches 1
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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                                                                                                      DB 1;
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RESULT 1850

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; OTHER INFORMATION:
US-08-912-272-86
GENERAL INFORMATION:
APPLICANT: SSLBY, MARK
APPLICANT: THUDIUM, Kent
APPLICANT: DINA, Dino
TITLE OF INVENTION: NONCLONING TECHNIQUE FOR EXPRESSING A GENE OF INTEREST
FILE REFERENCE: 1448.002
CURRENT APPLICATION NUMBER: US/09/290,449A
CURRENT FILING DATE: 1999-04-13
EARLIER APPLICATION UMBER: US/09/290,777
EARLIER FILING DATE: 1998-04-14
                                                                                                                                                                                        Sequence 13, Appli
Patent No. 6096505
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Best Local (
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ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 0230
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: (SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 1wc CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 08/879,827
FILING DATE: 20-JUN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/700,152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/912,272
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICANT: Okamuro, Jack K.
TITLE OF INVENTION: Methods for Improving
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                             Application US/09290449A
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Two Embarcadero Center, Eighth Floor
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Pred. No. 1
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                                                                                     Query Match
Best Local (
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SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 13
LENGTH: 19
                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6096878
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local
                                                                                                                                          -08-545-809A-80
                                                                                                                                                                                                                                                                TELEX: 200154
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: preS2-EMCV OTHER INFORMATION: primer 98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                  NAME: Freeman, John W.
REGISTRATION NUMBER: 29,066
REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 145
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
                                                                                                                                                         TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/0
FILING DATE: 27-MAR-1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 10-MAY-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Honjo, Tasuku
APPLICANT: Matsuda, Fumihiko
APPLICANT: Matsuda, Fumihiko
TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE
TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 225 F
CITY: Boston
STATE: MA
COUNTRY: US
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Local Similarity 93.3%;
les 14; Conservative
                                                                                                                                                                                        STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                  TELEPHONE: 617-542-50
TELEFAX: 617-542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                    4191 CTTTGTGTTTTCAGG 4205
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                                                                                      Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               225 Franklin Street
                                                                    Conservative
                                                                                                                                                           Genomic DNA
                                                                                   0.3%;
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                                                                                   Score 13.4; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
                                                                                                     DB 1; Length 19;
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                                                                    Indels
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RESULT 1854
US-08-476-423A-39/c
; Sequence 39, Application US/08476423A
; Patent No. 6221661
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US-08-469-617-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.3%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1
                                                                                                                 GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Tsui, Lap-Chee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/465
FILING DATE: 06-UUN-1995
CLASSIFICIATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGIGTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kerem, Bat-Sheva
APPLICANT: Collins, Francis S.
APPLICANT: Iannuzzi, Michael C.
APPLICANT: Drumm, Mitchell L.
APPLICANT: Buckwald, Manuel
TITLE OF INVENTION: Cystic Fibrosis Gene
NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: PATENTIN Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
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ADDRESSEE: STERNE, K
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COUNTRY: United States Of America ZIP: 10036
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Washington
                                                             CITY: New York
                                                                            ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
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                                    New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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                                                                                     TELEPHONE: 212-278-0400
TELEPHONE: 212-278-0526
TELEPAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 83, Application US/08476423A Patent No. 6221661
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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4386
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
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APPLICATION NUMBER: US/08/476,423A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
ATTORNEY / ACCUMANCE OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTRO
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
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NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-C2/JPW/KJP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Cooper &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: RNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/01
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                TOPOLOGY:
                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET:
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1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        19 base pairs
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                                                                                single
RNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US/08/476,423A
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .3e+03;
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: OSGOWSKI, Liliana
ITILE OF INVENTION: IN Vivo Assay for Intravasation
ITILE OF INVENTION: IN Vivo Assay for Intravasation
CURRENT APPLICATION NUMBER: US/09/366,840
CURRENT FILING DATE: 1999-08-04
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 19
TYPE: DNA
ORGANISM: Human
US-09-366-840-2
US-09-247-155-39
; Sequence 39, Application US/09247155A
; Patent No. 6312922
                                                                                                                                                                                                                              ; LENGTH: 19
; TYPE: DNA
; ORGANISM: DNA primer
US-09-078-294-2
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US-09-078-294-2/c
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                                                   RESULT 1858
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                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Du Sart, Desiree
APPLICANT: Cancilla, Michael R.
                                                                                                                                                                                                                                                                                              FILE REFERENCE: Davies Col
CURRENT APPLICATION NUMBER: US/09/078,294
CURRENT FILING DATE: 1998-05-13
NUMBER OF SEQ ID NOS: 29
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Sim
Matches , 14;
                                                                                                                                                                    Matches
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                                                                                                                                                                                Query Match
Best Local Similarity
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Best Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
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                                                                                                                                 423 CAGGTTGCAGTGGAGGGGC 441
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                                                                                                    19 CAGGCTGCAGTGCARTGGY 1
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                                                                                                                                                                    Conservative
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93.3%; Pred. No. 1.3e+03;
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                                                                                                                                                                                Score 13.4; DB 1
Pred. No. 1.3e+03
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Pred. No. 1.3e+03;
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                                                                                                                                                                                                   DB 1;
                                                                                                                                                                                                 Length 19;
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GENERAL INFORMATION:

APPLICANT: Dumas Milne Edwards, Jean-Baptiste

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RESULT 1859
US-09-026-039-86
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CURRENT FILING DATE: 1999-02-09
EARLIER APPLICATION NUMBER: 60/074,121
EARLIER FILING DATE: 1998-02-09
EARLIER FILING DATE: 1998-04-13
EARLIER FILING DATE: 1998-04-13
EARLIER APPLICATION NUMBER: 60/096,116
EARLIER APPLICATION NUMBER: 60/096,273
EARLIER FILING DATE: 1998-08-10
EARLIER FILING DATE: 1998-08-10
EARLIER FILING DATE: 1998-08-10
EARLIER FILING DATE: 1998-08-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Atent No. OJZZZZ GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Jofuku, K. Diane
APPLICANT: Okamuro, Jack K.
APPLICANT: Okamuro, Jack K.
TNVENTION: Methods for Improving Seeds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                            FILING DATE: 19-FEB-1998
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,272
FILING DATE: 15-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/879,827
FILING DATE: 20-JUN-1997
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNMBER: US 08/700,152
FILING DATE: 20-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Complementary DNAs
FILE REFERENCE: GENSET 021A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patent.pm
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Methods for Improving Seeds NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 023070-067230US
IELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
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Pred. No. 1.3e+03;
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                                                                                                                             Sequence 11640, Appl Patent No. 6537751 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5041, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Blallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EARLIER APPLICATION NUMBER: US 60/082,614 EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-20508 for SEQ 1107,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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                                                                                                                                                                                                                                                                                                                                        Local Similarity 93.3
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LOCATION: 1..19
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                      1411 TTGAGGTGAAGGCAG 1425
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                                                                                                                                                                    Application US/09422978
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                                                                                                                                                                                                                                                                                                                                                           Score 13.4; DB 
Pred. No. 1.3e+(
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Pred. No. 1.3e+03;
                                                                                                                                                                                                                                                                                                                                        Mismatches
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                                                        in constructing a high density...
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RESULT 1863
US-09-495-714C-52/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: downstream amplification primer 99-12521 for SEQ 3775, in complen
US-09-422-978-11640
                                                                                                                                                                           Query Match 0.3%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11640
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local Similarity
                                                                                                                                                                                                                                       OTHER INFORMATION: oligonucleotide 09-663-600A-39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 09/191,997
PRIOR FILING DATE: 1998-11-19
PRIOR PRIOR PRIOR DATE: 1998-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 1998-11-13
PRIOR APPLICATION NUMBER: 60/066,677
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/069,957
PRIOR FILING DATE: 1997-12-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Dumas Milne Edwards, Jean-Baptiste
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EARLIER APPLICATION NUMBER: US 09/298,850 EARLIER FILING DATE: 1999-04-21 EARLIER APPLICATION NUMBER: US 60/109,732 EARLIER FILING DATE: 1998-11-23 EARLIER APPLICATION NUMBER: US 60/082,614 EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/663,600A CURRENT FILING DATE: 2000-09-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: EXTENDED CONAS FOR SECRETED PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Duclert, Aymeric APPLICANT: Bougueleret, Lydie
                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patent.pm
                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 229
                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1998-09-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/081,563 PRIOR FILING DATE: 1998-04-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/074,121 PRIOR FILING DATE: 1998-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE:
                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo Sapiens
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LOCATION: 1..19
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/096,116
FILING DATE: 1998-08-10
                                                                                                                   4278 AGAAAAACGCACACC 4292
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/099,273
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                                                                            AGACAAACGCACACC 19
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                                                                                                                                                           Conservative
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Pred. No. 1.3e+03;
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Pred. No. 1.
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SEQ ID NO 52
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
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Patent No. 6
                                                                                                   TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) IF-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT. APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION: APPLICANT: Tsui,
                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKST NUMBER: 13
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
TOPOLOGY: 1 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 New York Avenue, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Buckwald, Manuel
TITLE OF INVENTION: Cystic Fibrosis Gene
NUMBER OF SEQUENCES: 43
                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
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                                                                                                 TELEPHONE: 202-371-2540
                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/469,630 FILING DATE: 06-JUN-1995 CLASSIFICATION: 435
                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                LENGTH:
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Rommens, Johanna M.
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Pred. No. 1.
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Query Match

0.3%;

Score 13.4;

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Length 19;

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RESULT 1867
US-09-696-791-2618
, Sequence 2618, Application US/09696791
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US-09-696-791-1795
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CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
LENGTH. 1795
                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2617
LENGTH: 19
                                                                                                                                                Query Match
Best Local Similarity
Matches 14; Conserv
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Best Local
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APPLICANT: Robbins, Joan
APPLICANT: Tritz, Richard
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APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
FILE REFERENCE: 480124.407
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                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                              TYPE: DNA
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                                                                                                                                                                                                                                               FEATURE:
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Pred. No. 1
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Pred. No. 1.
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RESULT 1869
US-09-696-791-3461/c
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; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding US-09-696-791-2618
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FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2618
LENGTH: 19
TYPE: DNA
TYPE: DNA
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SOFTWARE: PatentIn Ver.
SEQ ID NO 2619
LENGTH: 19
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                              Sequence 3461, Application US/09696791 Patent No. 6770633
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   APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: KIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
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Best Local Similarity
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NUMBER OF SEQ ID NOS:
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ORGANISM: Homo sapiens
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Pred. No. 1.3e+03
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Pred. No. 1
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SOFTWARE:

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SEQ ID NO 3505
LENGTH: 10
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                                                                                                                                                                                                                                                                                                                                                           RESULT 1871
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Cdc25 hs ribozyme binding US-09-696-791-3505
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                                                                                                                                                                                                                                                                                                            Sequence 2, Application PC/TUS9103680 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: SKIN AND EYE DISEASES
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3505, Ap
8 8 1 No. 677063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 3461
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Cyclin B1 ribozyme binding site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
                                                                                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                           STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                              COUNTRY:
                                                                                                                                                                                            ADDRESSEE:
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                                                                                                                                                                                                                                                                                                Matteucci, Mark D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                          Morrison & Foerster
19910524
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                                                                                                                                                                                                                                       DUPLEX DNA
                                                                                                                                                                                                                                                  SEQUENCE-SPECIFIC NONPHOTOACTIVATED CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE
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Pred. No. 1.
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Pred. No. 1.3e+03;
0; Mismatches 1
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RESULT 1872
US-08-222-177A-102
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Best Local Similarity
                                                                                                                                 APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 706141
INFORMATION FOR SEQ ID NO:
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                                                                     INFORMATION FOR SEQ ID NO:
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ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
NUMBER: 29,959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                    SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 46
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 41-
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LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Madison
STATE: Wisconsin
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4N4-ethanocytosine deoxynucleotide"
                                                                                                                    TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
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8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/08222177A
                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
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                                                                                                                      (803)
                                                                                                                    831-2100
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                                                                                                                                                                                                                                                                                                        US/08/222,177A
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Pred. No. 1.3e
0; Mismatches
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RESULT 1874
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                        Matches
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/084,249
APPLICATION NUMBER: US/08/084,249
FILING DATE: 09-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5635354man F.
NAME: Oblon, No. 5635354man F.
REGISTRATION UNMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-015-0
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                           TELEPHONE: (703) 413-3000
TELEPAX: (703) 413-2220
TELEX: 24885 OPAT UR
INFORMATION FOR SEQ ID NO: 2:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd17p1
                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                           MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: METHOD FOR DESCRIBING THE REPERTOIRES OF TITLE OF INVENTION: ANTIBODIES (Ab) AND OF T-CELL RECEPTORS (TCR) TITLE OF INVENTION: INDIVIDUAL'S IMMUNE SYSTEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 1755 S. CITY: Arlington STATE: Virginia
                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE:
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                                                                                    841 ACGACCCTGAGGAGG 855
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                                                                                                                                       Similarity
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1755 S. Jefferson Davis Highway, Suite 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               U.S.A.
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                                                                                                                       Conservative
                                                                                                                                                                                                                            unknown
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                                                                                                                                                                                                        DNA (genomic)
                                                                                                                                                                                                                                          unknown
                                                                                                                                       0.3%;
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                                                                                                                                       Score 13.4; DB 1;
Pred. No. 1.4e+03;
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Pred. No. 1.4e+03;
                                                                                                                       Mismatches
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Sequence 15, Application US/08502185
Patent No. 5639736
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Spentitle OF INVENTION: Oligonucleotide NUMBER OF SEQUENCES: 53
CORRESSPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer STREET: 200 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ś
                                                                                                                                                                                                                                                                                                                                             RESULT 1875
US-08-502-185-15
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Patent No. 563973
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Best Local 9
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SEQUENCE CHARACTERISTICS:
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                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: c!
HYPOTHETICAL: NO
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
ODERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Human VEGF-Speci.
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 617-330-1300
CURRENT APPLICATION DATA:
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                                                                                                     ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
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                                                                                                                   COUNTRY:
                                                                                                                                                           CITY:
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                                                                                                      02109
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                                                                                                                       USA
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200 State Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.3%; Score 13.4; DB 1; 93.3%; Pred. No. 1.4e+03;
                                                                                                                                                                                                                                       Oligonucleotides
                                                                                                                                                                                                                                                              Human VEGF-Specific
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Human VEGF-Specific
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Best Local Similarity
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                                                                                                                       TELEFAX: 617-330-1311 INFORMATION FOR SEQ ID NO:
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INFORMATION FOR SEQ ID NO:
MOLECULE NUMBER YES
                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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HYPOTHETICAL: N
ANTI-SENSE: YES
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LENGTH: 20 base pairs
                             TOPOLOGY: 1i
                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 617-330-1300
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NAME: Kerner, Ann-Louise
                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                           STRANDEDNESS:
                                                                                                                                                                                 NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                           FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
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Pred. No. 1.
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RESULT 1878
US-08-501-779-14
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                                             Sequence 14, Application US/08501779
Patent No. 5661135
GENERAL INFORMATION:
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: Human VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
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                                                                                                                                                                                                                                                                                     Matches
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Best Local Similarity
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Best Local Similarity
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APPLICANT: Robinso
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
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ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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CLASSIFICATION:
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66.7%; Pred. No. 1
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Human VEGF-Specific
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Pred. No. 1.4e+03;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                     Mismatches
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Best Local S
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ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                             ATTORNEY/AGENT INFORMATION:
NAME: KERTMET, ANN-LOUISE
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HY
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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SOTWARE:
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Human VEGF-Specific TITLE OF INVENTION: Oligonucleotides
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                 TELEPHONE:
                                                                                                                CLASSIFICATION: 514
                                                                                                                                  FILING DATE:
                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                              COUNTRY:
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Similarity 93.3%;
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200 State Street
: 617-330-1300
617-330-1311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                 HYZ-031CPDV2
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Pred. No. 1.4e+03;
0; Mismatches 1
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TELEPHONE: 201-683-2134
TELEPAX: 201-683-4117
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: DNP
MOLECULE TYPE: NO
                                                                                 PUBLICATION INFORMATION:
AUTHORS: Hadcock Dr., John R.
AUTHORS: Dr. Ozenberger, Bradley A.
AUTHORS: Dr. Pausch, Mark H.
AUTHE: Receptor Identification Method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Matthews, Gale M.
REGISTRATION NUMBER: 32,;
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                          ORIGINAL SOURCE:
ORGANISM: Synt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Hadcock Dr., John R.
APPLICANT: Ozenberger Dr., Bradley A.
APPLICANT: Pausch Dr., Mark H.
TITLE OF INVENTION: Receptor Identifi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HYPOTHETICAL: NO ANTI-SENSE: YES
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                                                                                                                                                                                                           HYPOTHETICAL: NO ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: American Home Products Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: KN
                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                 TITLE: Receptor ICDATE: 17-JUL-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/07/915,966C FILING DATE: 17-JUL-1992 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                      TYPE: n
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity 66. 
les 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Parsippany
STATE: New Jersey
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                              STRANDEDNESS:
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Pred. No. 1.4e+03;
Score 13.4; DB 1;
Pred. No. 1.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                              1,829-00
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                  Length 20;
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Best Local Similarity

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; Sequence 15, Application US/08501713
; Patent No. 5710136
; GENERAL INFORMATION:
   APPLICANT: Robinson, Gregory S.
   APPLICANT: Smith, Lois E.H.
   TITLE OF INVENTION: Inhibition of
   TITLE OF INVENTION: Neovascularizat
   TITLE OF INVENTION: Oligonucleotide
; TITLE OF INVENTION: Oligonucleotide
                                                                                                                                           RESULT 1882
US-08-501-713-15
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US-08-501-713-14
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US-08-501-713-14
                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,5
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Inhibition of TITLE OF INVENTION: Neovascularization TITLE OF INVENTION: VEGF-Specific TITLE OF INVENTION: Oligonucleotides NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: 617-330-1300
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ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE:
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                  Neovascularization Using 
VEGF-Specific
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                                                                                                                                                                                                                                                                        Mismatches
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GENERAL INFORMATION:
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Best Local :
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TELEPHONE: 617-330-1300
TELEPHONE: 617-330-1311
INFORMATION FOR SEQ ID NO: 15:
                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
CLASSIFICATION: 514
                                                                                          COMPUTER READABLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
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APPLICANT:
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HYPOTHETICAL: NO
ANTI-SENSE: YES
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                          ZIP:
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REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HY
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CITY: Boston
                                                                                                                                                                       COUNTRY:
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                                                                              SOFTWARE:
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200 State Street
                                                                                                                                                                        USA
                                                                                                                                                                                                                     200 State Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                       Lappin & Kusmer
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                                                                                                                                                                                                                                                                                   Oligonucleotides
                                                                                                                                                                                                                                                                                                  Inhibition of Neovascularization Using VEGF-Specific
                                             US/08/378,860
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: US/08/501,713 HYZ-031DV2 Score 13.4; DB 1; Pred. No. 1.4e+03; DB 1; Length 20; <u>,,</u> Gaps 0

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US-08-378-860-15
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 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 15, Appli
Patent No. 5731294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.3%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Robins
APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO:
                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEPAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 15:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
                                             ANTI-SENSE:
                                                         HYPOTHETICAL:
                                                                       MOLECULE TYPE:
                                                                                                                               SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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LENGTH: 20 base pairs
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REFERENCE/DOCKET NUMBER: HY
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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                                                                                        TOPOLOGY:
                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                  CLASSIFICATION: 514
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TOPOLOGY: lin
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DEDNESS: single
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                                                                          RNA
                                                                                                    single
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 0.3%;
                                                                                                                                                                                                                                                                                                             US/08/378,860
                                                                                                                                                                                                                                 33,523
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 Score 13.4;
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Pred. No. 1.4e+03;
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 DB 1;
Length 20
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                                                                                                                  RESULT 1886
US-08-501-626-15
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US-08-501-626-14
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                                                                                                                                                                                                                                                                                                             ANTI-SENSE:
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; Sequence 15, Application US/08501626; Patent No. 5801156; GENERAL INFORMATION: APPLICANT: Robinson, Gregory S. APPLICANT: Smith, Lois E.H. TITLE OF INVENTION: Inhibition of TITLE OF INVENTION: VEGF-Specific; TITLE OF INVENTION: VEGF-Specific
                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 93...
Thes 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
Matches 10; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/501,626
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: CI
HYPOTHETICAL: NO
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TELECOMMUNICATION INFORMATION:
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TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularizatic
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U
ZIP: 02109
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                                                                                                                           Application US/08501626
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617-330-1311
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                                                                                                                                                                                                                                                                                 0.3%; Score 13.4; DB 1;
93.3%; Pred. No. 1.4e+03;
ative 0; Mismatches 1;
   Inhibition of Neovascularization Using VEGF-Specific
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Sequence 78, Approx.
Sequence 78, Approx.
No. 5814517
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: SEIDEL, H. MARTI
APPLICANT: LAMB, I. PETER
APPLICANT: LAMB, I. PETER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE:
CURRENT APPLICATION DATA:
CURRENT APPLICATION UMBER: US/08/501,626
                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: LIGAND PHARMACEUTICALS INCORPORATED STREET: 9393 TOWNE CENTRE DRIVE
                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: RI
HYPOTHETICAL: NO
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REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HY
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ANTI-SENSE:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: Lappin & Kusmer
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APPLICATION NUMBER:
                                                 APPLICATION NUMBER: FILING DATE: 27-MA
                                                                                                                                                                                    COUNTRY: US
ZIP: 92121
                                                                                                                                                                                                                                      CITY: SAN DIEGO
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RESPONSIVE
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US 08/228,935
                                                               US/08/410,779B
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Pred. No. 1.4e+03;
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TO CYTOKINES AND METHODS FOR THEIR USE
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; ANTI-SENSE:
US-08-501-356-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 14,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                       TELEPHONE: 617-330-13
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO:
                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1310
TELEPAX: 617-330-1311
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
THE TOPOLOGY: SYNTHETIC DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: JURGENSEN, THOMAS E
REGISTRATION NUMBER: 34,19
                            MOLECULE TYPE: HYPOTHETICAL:
                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
CLASSIFICATION: 514
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REFERENCE/DOCKET NUMBER: 016
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 550-7675
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                                                      TYPE:
STRANDEDNESS: SI
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                     1: 20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Robinson, Gregory S. Smith, Lois E.H.
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                                                                        single
                                               CDNA
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VEGF-Specific
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                                                   Sequence 13, App...
Sequence 13, App...
Sequence 13, App...
GENERAL INFORMATION:
APPLICANT: Heym, Bo
APPLICANT: Cole, So
APPLICANT: Young, 1
                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                        Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: RN
HYPOTHETICAL: NO
HYPOTHETICAL: NO
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1310
TELEPAX: 617-330-1311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Robinson, Gregory S. APPLICANT: Smith, Lois E.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Boston
                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                            4164 TCCTCCTGCCCAGCT 4178
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                                                                                                                                                                                                                                                                                                                                                    nucleic acid
                                                                       Application US/08313185
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Heym, Beate
Cole, Stewart
Young, Douglas
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200 State Street
                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                                                                                                                      single
                              Beate
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Pred. No. 1.
                                                                                                                                                                                                                      Score 13.4; DB 1; Length 20; Pred. No. 1.4e+03;
                                                                                                                                                                                                        Mismatches
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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-313-185-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-910-629A-24
       COUNTRY

ZIP: 08053
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
MEDIUM TYPE: STORAGE
MEDIUM TYPE: STORAGE
MEDIUM TYPE: WINTUM
MEDITTER: PENTIUM
MINITER: PENTIUM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (202) 408-
TELEFAX: (202) 408-44
INFORMATION FOR SEQ ID NO:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/313,185
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Nicholas I
APPLICANT: Breet Mon
TITLE OF INVENTION: J
TITLE OF INVENTION: J
TITLE OF INVENTION: J
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 02:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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NAME: Meyers, Kenneth J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
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TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
TITLE OF INVENTION: in Mycobacterium Tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
STREET: 66
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CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                         STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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   OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                           CITY: Marlton
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o. 5877309
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                                                                                                                                                                                                                                                                                                                     R: Law Offices of Jane Massey Licata
66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Nicholas M. Dean
Brett Monia
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Honore, Nadine
Telenti, Amalio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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                                                                                                        DISKETTE,
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, 408-4400
, NO: 13:
WINDOWS 95
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ANTISENSE OLIGONUCLEOTIDE
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                                                                                                               1.44
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                                                                                                                                                                                              COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,867
FILING DATE: 07-UN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 30,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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APPLICANT: Szostak, Jack W.
APPLICANT: Cuenoud, Bernard
                                                                                           NAME: Lech, Karen F.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 0078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEPAX: (617) 542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   atent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (609) 779-8488 INFORMATION FOR SEQ ID NO:
                                                                  NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,
                             SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Line
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Huizenga, David E.
TITLE OF INVENTION: CATALYTIC DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 225 |
CITY: Boston
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: Nucleic Acid
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                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
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YPE: nucleic acid
TRANDEDNESS: sing
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                                                                                                                                                                                                                                                                                                                                                                                                                                             225 Franklin Street,
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single
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Pred. No. 1.4e+03;
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US-08-487-867-30
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Patent No. 5929209
                                                    Query Match
Best Local (
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Best Local Similarity
Matches 14; Conserv
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APPLICANT: Hadcoc
APPLICANT: Ozenbe
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                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: SYnthet:
                                                                                                                                                                                ORGANISM: Synthetic
PUBLICATION INFORMATION:
AUTHORS: Hadcock Dr., John R.
                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Matthews, Gale F. 82,269 REGISTRATION NUMBER: 32,269 REFERENCE/DOCKET NUMBER: 31 TELECOMMUNICATION INFORMATION: TELEPHONE: 201-683-2134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOPTWARE: PatentIn Release. #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ozenberger Dr., Bradley A.
APPLICANT: Pausch Dr., Mark H.
TITLE OF INVENTION: Receptor Identifi
                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 19
                                                                                                                AUTHORS: Dr. Ozenberger, Bradley A. AUTHORS: Dr. Pausch, Mark H. TITLE: Receptor Identification Method DATE: 20-DEC-1996
                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 20-DE CLASSIFICATION: 43
                                                  Local
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 551 CAAGGCGGAGGAGCT 565
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                                h 0.3%; Score 13.4; DB 1; Length 20; Similarity 93.3%; Pred. No. 1.4e+03; 14; Conservative 0; Mismatches 1; Indels
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New Jersey
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Pred. No. 1.4e
0; Mismatches
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Best Local S
Matches 14
NUMBER OF SEQ 1
SEQ ID NO 31
LENGTH: 20
                                                                                                                                                              Sequence 31, Applicate Patent No. 5998148 GENERAL INFORMATION:
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                                 APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESSI
FILE REFERENCE: RTS-0051
CURRENT APPLICATION NUMBER: US/09/289,368
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 87
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[NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: WINDOWS SOFTWARE: WORDPERFECT 5.1 CURRENT APPLICATION DATA:
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MEDIUM TYPE: DISKETT
COMPUTER: IBM 486
                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: May 31, 1995 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/756,806
FILING DATE: No. 5981731ember 26, 1996
PRIOR APPLICATION DATA:
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PRIOR APPLICATION NUMBER: 08/756,806
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: May 31, 1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Antisense Oligonucleotide Modulation TITLE OF INVENTION: of raf Gene Expression NUMBER OF SEQUENCES: 42
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REGISTRATION NUMBER: 32,2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
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Pred. No. 1.4e+03;
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US-08-904-901-95/c
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Best Local Similarity
Thiches 14; Conserve
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                                                                                                                 ; ANTI-SENSE: US-08-904-901-95
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                                                          Matches
                                                                      Query Match
Best Local Similarity
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                                                                                                                                                                                                                    TELEFAX: (248) 539-5055 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                              TOPULCE TYPE: O
                                                                                                                                                                                                                                                                             NAME: Kohn, Kenneth I.
REGISTRACION NUMBER: 30,955
REFERENCIJOKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION: NAME: Kohn, Kenneth I.
                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wright, Jim A. APPLICANT: Young, Aiping H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                        FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Michigan
                                                                                                                                                                                        TYPE: nucleic acid
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                             3072 ACCTCTCAGGGCAAG 3086
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T: 30500 No. 5998383thwestern Hwy.
Farminton Hills
ATCTCTCAGGGCAAG 2
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                                                          Conservative
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                                                                                                                                               other nucleic acid
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                                                                      0.3%;
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                                                                      Score 13.4;
Pred. No. 1.
                                                          Mismatches
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1.4e+03;
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                                                                                    Length 20;
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RESULT 1897 US-08-904-901-96/c

Sequence 96, Application US/08904901 Patent No. 5998383 GENERAL INFORMATION:

APPLICANT: Wright, Jim A.

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US-08-904-901-96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                    Sequence 11, Application US/09358382
Patent No. 6010906
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE KINASE-1 EXPRESSION
FILE REFERENCE: RTS-0071
CURRENT APPLICATION UMBER: US/09/358,382
CURRENT APPLICATION INMSER: US/09/358,382
CURRENT FILLING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
                                Best Local Similarity Matches 14; Conserv
                                                                                                                                                                                     SEQ ID NO 11
LENGTH: 20
                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: line
MOLECULE TYPE: o
DESCRIPTION: /
DESCRIPTION: o
ANTI-SENSE: YES
                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                         TYPE: DNA
                                                                                                                   OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED
TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
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FILING DATE:
CLASSIFICATION: 514
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Farminton Hills STATE: Michigan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER:
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3923 GCCGCGGCCGCCT 3937
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30500 No. 5998383thwestern Hwy.
                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    other nucleic acid
/desc = "Partially thioated
oligonucleotide"
                                                0.38;
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                                                 Score 13.4;
Pred. No. 1.
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Pred. No. 1.
                                 Mismatches
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                                                DB 1;
1.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .4e+03;
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RESULT 1899
US-09-120-853-11/c
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Best Local (
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/915,966
FILING DATE: 17-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Tsevdos Dr., Estelle J.
REGISTRATION NUMBER: 31,145
REFERENCE/DOCKET NUMBER: 31829-00
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/120,853
CURRENT FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: JP 213838/1997
EARLIER FILING DATE: 1997-07-25
NUMBER OF SEQ ID NOS: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Matsuda, Yoko
APPLICANT: Uchida, Kiyoshi
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
FILE REFERENCE: 07898/030001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kamiya, Kinya
                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
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ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hadcock Dr., John R.
APPLICANT: Ozenberger Mr., Bradley A.
APPLICANT: Pausch Dr., Mark H.
TITLE OF INVENTION: Receptor Identifi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                               COUNTRY: United ZIP: 06904-0060
                                                                                                                                                                                                                                                                                                                                                                                       CITY: Wayne
STATE: NJ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Receptor Identification Method: 19
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93.3%; Pred. No. 1.4e+03;
                                                                                                                                                                                                                                             Release #1.0,
                                                                                                                                                                                                       US/08/853,194
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RESULT 1901
US-08-777-266A-37
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Patent No. 6077833
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Best Local (
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                           TELEFAX: (609) 779-8488
                                                                                                                                                              NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0201
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Oligonucleotide Compositions and
TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                       FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
                                                                                                                                                                                                                                                                           CLASSIFICATION: 536 PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Synthetic PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DI
HYPOTHETICAL: NO
ANTI-SENSE: YES
ANTI-SENSE:
                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Clarence Frank Bennett APPLICANT: Timothy A. Vickers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AUTHORS: Dr. Pause
TITLE: Receptor Ic
DATE: 17-JUL-1992
                                TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 210 Lake I
CITY: Cherry Hill
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AUTHORS: Hadcock Dr., John R.
AUTHORS: Dr. Ozenberger, Bradley A.
AUTHORS: Dr. Pausch, Mark
TITLE: Receptor Identification Method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                            TELEPHONE:
                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/777, FILING DATE: December 31, 1996
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                 Linear
                                                                                                                                                (609)
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93.3%; Pred. No. 1.
                                                                                                                                              779-2400
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 3.5 INCH,
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                                                                             RESULT 1903
US-08-954-536-4/c
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US-08-777-266A-52
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Best Local Similarity 93.3
                                             Sequence 4, Application US/08954536 Patent No. 6100445
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                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                   Query Match
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GENERAL INFORMATION:
APPLICANT: Seshad
APPLICANT: Li, Pi
                                                                                                                                                                                                                       Best
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OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/777,266A
FILING DATE: December 31, 1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATE:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                  STRANDEDNESS:
TOPOLOGY: Line
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: O1
TITLE OF INVENTION: Me
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Clarence Frank Bennett APPLICANT: Timothy A. Vickers
                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 210 Lake (CITY: Cherry Hill
                                                                                                                                                                                                                                                                                                                                 TYPE: Nucleic Acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 08002
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210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                             (609) 779-8488
777 TO NO: 52:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
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                                                                                                                                                                                                                                                                                                    Linear
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93.3%;
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Pred. No. 1.4e+03;
                                                                                                                                                                                                                       Score 13.4; DB 1;
Pred. No. 1.4e+03;
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                                                                                                                                                                                                                                    Length 20;
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APPLICANT:

Allen, Hamish Seshadri, Tara

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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-730-95
                                                                                                                                         US-09-249-730-95/c
Sequence 95, Application US/09249730
Sequence 95, Application US/09249730
Sequence 95, Application US/09249730
Seneral Information:
APPLICANT: WRIGHT, Jim A.
APPLICANT: WOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040
CURRENT APPLICATION NUMBER: US/09/249,730
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 95
                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 1904
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-954-536-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.3%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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REGISTRATION NUMBER: 31,503
REFERENCE/DOCKST NUMBER: BBI-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEPAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 4:
                                  Query Match
 Matches
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TITLE OF INVENTION: Disrupted In
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: ASCII text
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/323,490
FILING DATE: 14-OCT-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: CONTON MASSA
Local Similarity
nes 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/954,536 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1533 AAGAAAATCCTGCAG 1547
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Paskind, M
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                   93.3%;
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                                    0.3%;
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RER: BBI-019
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                 Score 13.4; DB 1;
Pred. No. 1.4e+03;
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Pred. No. 1.4e+03;
 Mismatches
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                                Length 20;
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GORGANISM: Human
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US-09-082-614A-13/c
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CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 96
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 13,
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Best Local Similarity
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                                                              ZIP: 20005-3315

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, V.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/082,614A
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APPLICANT: YOUNG, Aipling H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Honore, Nadine
APPLICANT: Telenti, Amalio
APPLICANT: Bodmer, Thomas
TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
TITLE OF INVENTION: in Mycobacterium Tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 1300 I St
CITY: Washington
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Finneg
                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
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Zhang, Ying
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Cole, Stewart
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93.3%; Pred. No. 1.4e+03
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                                                                          US/09/082,614A
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                                                                                                                                                    Version
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                                                                                                                                                    #1.25
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US-09-287-796-24
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US-09-418-641-49
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Best Local S
Matches 14
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SEQ ID NO 49
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Jennifer K. Taylor
APPLICANT: Jex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
FILE REFERENCE: RTS-01.05
CURRENT APPLICATION UMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
                                                                                                                                                                                                                                         Sequence 24, Appli
Patent No. 6133246
                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local
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                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
APPLICANT: McKay, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Monia, Brett
APPLICANT: Nero, Pam
ITILE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
FILE REFERENCE: ISPH-0350
CURRENT APPLICATION NUMBER: US/09/287,796A
CURRENT FILING DATE: 1999-04-07
EARLIER APPLICATION NUMBER: 09/130,616
EARLIER FILING DATE: 1998-08-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 12-OCT-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          / Match 0.3%;
Local Similarity 93.3%;
hes 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2012 GATCAGCCACATCTG 2026
                                                                                                                                                                                                                                                                                                                                                                                 363 CAGGAAGTCAGTCAG 377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16 GATCAGCCCCATCTG 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity
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                                                                                                                                                                                                                                                        Application US/09287796A
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12-OCT-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                     93.3%;
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Pred. No. 1.4e
0; Mismatches
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Pred. No. 1.
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GENERAL INFORMATION:

APPLICANT: McKay, Robert A.

APPLICANT: Dean, Nicholas M.

APPLICANT: Monia, Brett

APPLICANT: Monia, Brett

APPLICANT: Mero, Pam

APPLICANT: Mero, Pam

ITILE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS FILE REFERENCE: ISPH-0350

CURRENT APPLICATION NUMBER: US/09/287,796A

CURRENT APPLICATION NUMBER: 09/130,616

EARLIER APPLICATION NUMBER: 08/910,629

ENRILER FILING DATE: 1998-08-07

EARLIER APPLICATION NUMBER: 08/910,629
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, ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Synthetic Sequence US-09-287-796-128
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
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Best Local Similarity
Matches 14; Conserv
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EARLIER FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 24
LENGTH: 20
                                                                                                                                                                                                                         Patent No. 6150092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 128, Application US/09287796A Patent No. 6133246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                              Sequence 89,
                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EARLIER FILING DATE: 1997-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                              APPLICANT:
APPLICANT:
APPLICANT:
                                                     TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
TITLE OF INVENTION: COMPOUND
NUMBER OF SEQUENCES: 185
                                    CORRESPONDENCE ADDRESS:
                                                                                                               APPLICANT:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
                                                                                                                                                                                                                                                                                                                                                                         2176 ATATGAACATTCTCC 2190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              196 AAGGAGAGGGCTGGC 210
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                                                                                                     UCHIDA, K.,
UCHIDA, T.,
TANAKA, Y.,
MATSUDA, Y.,
KONDO, S.
                                                                                                                                                                                                                                            Application US/08765340
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                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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93.3%; Pred. No. 1.4e+03;
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Pred. No. 1
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NEW YORK

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APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett P.
APPLICANT: Monia, Brett P.
APPLICANT: Monia, Brett P.
APPLICANT: Zhang, QingQing
ITITLE OF INVENTION: Antisense Modulation of bcl-x Expression
FILE REFERENCE: ISPH-0324
CURRENT APPLICATION NUMBER: US/09/167,921A
CURRENT FILING DATE: 1998-10-07
NUMBER OF SEQ ID NOS: 50
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 14
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 311130/94

FILING DATE: Z1-NOV-1994

ATTORNEY/AGENT INFORMATION:

NAME: SERUNIAN, LESLIE

REGISTRATION NUMBER: 35,353

REFERENCE/DOCKET NUMBER: 1452-4005

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                          OTHER INFORMATION: antisense sequence 09-167-921-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (212) 758-
TELEFAX: (212) 751-68
INFORMATION FOR SEQ ID NO:
                                                                                                             FEATURE:
                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "synthetic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
 Local Similarity 93...
nes 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: JP 1. FILING DATE: 27-JUN-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version SOFTWARE: #1.30 (EPO)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4164 TCCTCCTGCCCAGCT 4178
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                  0.3%;
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Pred. No. 1.4e
0; Mismatches
 Score 13.4; DB 1; Length 20; Pred. No. 1.4e+03; 0; Mismatches 1; Indels
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RESULT 1914
US-08-796-101-175
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US-09-428-219-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 1913
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 163, Applica Patent No. 6180353 GENERAL INFORMATION:
                                                                                                    Patent No.
                                                                                                                  Sequence 175,
                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 163
LENGTH: 20
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION. ANTIGENSE MODULATION OF DAXX EXPRESSION
FILE REFERENCE: RTS-0120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN-LINKED KINASE EXPRESSION
FILE REFERENCE: RTS-0101
                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/428,219
CURRENT FILING DATE: 1999-10-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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                                                  APPLICANT:
                                                                   APPLICANT:
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                                                                                                                                                                                                                                  559 AGGAGCTGCTTTCCA 573
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                                                                                                75, Application US/08796101 6183752
                                                                                                                                                                                                     AGGAGCTGCTCTCCA 15
EPSTEIN, STEPH
FINKEL, TOREN
SPEIR, EDITH
ZHOU, YI FU
ZHU, JIANHUI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/09490692
                                                                                                                                                                                                                                                                   Conservative
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93.3%; Pred. No. 1
                                                                   STEPHEN E.
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Pred. No. 1.4e+03;
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APPLICANT:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 1915
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: KOWALSKI, THOWAS J.
REGISTRATION INVMBER: 32,147
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-333
TELEPAX: (212) 764-5574
INFORMATION FOR SEQ ID NO: 175:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 20, Application US/09280805 Patent No. 6184212
                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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APPLICANT: PINCUS, S
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                          COUNTRY: U.S.A.

ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/01
FILING DATE: 05-FEB-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/796,101
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CORRESPONDENCE ADDRESS:
ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                       STREET: 66 Eas
CITY: Marlton
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                                                     APPLICATION NUMBER: FILING DATE: herewi
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TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                 ADDRESSEE:
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                                                                        US/09/280,805
09/048,810
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Pred. No. 1.4e+03;
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US-09-280-805-243
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uest Local Similarity 93.3%;
Matches 14; Conservative
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Patent No. 618421
               Query Match
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                              TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/2
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,
FILING DATE: March 26, 1998
ATTORNEY, AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Loren
APPLICANT: Graham
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                             REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDDERFECT 6.0
CURRENT APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
                                                                  ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: N
                                                                                                 TYPE: Nucleic Acid STRANDEDNESS: Sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
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                                                                                                                                  LENGTH:
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                                                                                                                                20 base pairs
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                                                                  Yes
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                                                                                   Linear
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0.3%;
93.3%;
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Pred. No. 1.
Score 13.4; DB 1;
Pred. No. 1.4e+03;
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                 Length 20;
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Best Local Similarity

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RESULT 1917
US-09-280-805-244/c
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US-09-280-805-244
                                                                                                                                                                         RESULT 1918
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Best Local Similarity
Matches 14; Conser
                                                                                                                           Sequence 13, Application US/09517584A Patent No. 6187587
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Patent No. 6184212
                                                                                                            GENERAL INFORMATION:
                                                         APPLICANT: Ian Popoff
APPLICANT: Vickie L. Brown
APPLICANT: Lex M. Cowsert
 FILE REFERENCE: RTS-0121
CURRENT APPLICATION NUMBER: US/09/517,584A
CURRENT FILING DATE: 2000-03-22
                                              TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 09/048,810 FILING DATE: March 26, 1998 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
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APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
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ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                              TYPE: Nucleic STRANDEDNESS: TOPOLOGY: Line
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Licata, Jane Massey
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                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH:
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DEDNESS: Single
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                                                                           Brown-Driver
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                                              ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
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                                                                                                                                                                                                                                                                                                     Score 13.4; DB 1;
Pred. No. 1.4e+03;
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 20, Application US/09429322A Patent No. 6190869
GENERAL INFORMATION:
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Matches
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SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                Sequence 2,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: C. Frank Bennett APPLICANT: Lex M. Cowsert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Antisense Oligonucleotide
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                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                              APPLICANT: VO-DIM.,
APPLICANT: Wintenberg, Alan
APPLICANT: Fricson, Milton N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: '20
                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                         STREET: F. STREET: Houston
                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                       TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local
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                                                                                                                             ZIP:
                                                                                                                                          COUNTRY: USA
FILING DATE:
                APPLICATION NUMBER:
                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2032 ACAACGTGAAGACAG 2046
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                                                                                                                                                                                                       Arnold, White & Durkee
                                                                                                                                                                                        Box 4433
 Concurrently Herewith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             93.3%;
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                                                                                                                                                                                                                                                       INTEGRATED CIRCUIT BIOCHIP MICROSYSTEM
                US/08/979,672
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Pred. No. 1
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                                              Version #1.30
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EARLIER APPLICATION NUMBER: 09/277,020
EARLIER FILING DATE: 1998-03-26
EARLIER APPLICATION UMBER: 09/167,921
EARLIER FILING DATE: 1998-10-07
NUMBER: OF SEQ ID NOS: 66
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 14
LENGTH: 20
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US-08-205-697A-61
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                                                                                                                                     Sequence 61, Application US/08205697A Patent No. 6218510
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Hest Local Similarity 93.3%;
Matches 14; Conservative
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TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                               Query Match 0.3%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 14, Application US/09323743 Patent No. 6214986
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                                     GENERAL INFORMATION:
APPLICANT: Sharpe, Arlene H.
APPLICANT: Borriello, Francescopaulo
APPLICANT: Freeman, Gordon J.
APPLICANT: Nadler, Lee M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett P.
APPLICANT: Nickoloff, Brian J.
APPLICANT: Nickoloff, Brian J.
APPLICANT: Zhang, Qingding
TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
FILE REFERENCE: ISPH-0368
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/323,743
                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
   APPLICANT: Nadler, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: ORNL:002
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Lee M.
No. 6218510el Form
                     6218510el Forms
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Pred. No. 1.
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                       of T Cell Costimulatory Molecules
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US-09-130-616-24
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SEQ ID NO 24
LENGTH: 20
                                                               Matches
                                                                              Query Match 0.3%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                   APPLICANT: MODIA, Brett
APPLICANT: MODIA, Brett
APPLICANT: MODIA, Brett
APPLICANT: MODIA, WILLIAM A.
APPLICANT: GAARDA, WILLIAM A.
APPLICANT: GAARDA, WILLIAM A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
FILE REFERENCE: ISPH-0318
CURRENT APPLICATION NUMBER: US/09/130,616C
CURRENT FILING DATE: 1998-08-07
EARLIER FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
EARLIER FILING DATE: 1997-08-03
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Best Local :
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Patent No. 6221850
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: McKay, Robert A. APPLICANT: Dean, Nicholas M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PILING DATE: 02-Mar-1994
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E.
REGISTRATION UNMBER: 36,207
REFERENCE/DOCKET NUMBER: BWI-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                              OTHER INFORMATION: Synthetic Sequence
                                                                                                                                                                                                                          TYPE: DNA
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TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
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SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/205,697A
PTILING DATE: 02-Mar-1994
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
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CITY: Boston
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196 AAGGAGAGGGCTGGC 210
                                                             14;
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                                                               Conservative
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                                                                              Score 13.4; DB 1;
Pred. No. 1.4e+03;
                                                               Mismatches
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                RESULT 1926
US-09-313-932-293/c
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US-09-313-932-278
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; OTHER INFORMATION: Synthetic
US-09-313-932-278
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                                                                                                                                                                                                                                                                                    FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 278
LENGTH: 20
                                                                                                                                           Best Local Similarity Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 278, Application US/09313932A Patent No. 6228642
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LENGTH: 20
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Sequence 293, Application US/09313932A
                                                                                                                                                                           Query Match
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                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF INF-
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 178
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CURRENT FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS FILE REFERENCE: ISPH-0318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Monia, Brett
APPLICANT: Nero, Pam
APPLICANT: Gaarde, William A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: McKay, Robert A. APPLICANT: Dean, Nicholas M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Baker, Brenda
                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                          TYPE: DNA
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                                                                                                  2798 TCAGGAAGGAGAAA 2812
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Pred. No. 1.4e+03;
                                                                                                                                                          Score 13.4;
Pred. No. 1.
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                                              ; ANTI-SENSE: US-09-048-810-20
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Query Match
Best Local Similarity
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APPLICANT: Loren
APPLICANT: Graham
                                                                                                                                                     TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: ISPH-0356
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MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                    SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                           SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Graham, TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                         LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: herewi
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                                                                            TOPOLOGY:
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0.3%;
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CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 293
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APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF ITILE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
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Graham, Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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ANTISENSE OLIGONUCLECTIDE
MODULATION OF HUMAN MDM2 EXPRESSION
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Pred. No. 1
Score 13.4; DB 1;
Pred. No. 1.4e+03;
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                   Length 20;
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RESULT 1930
US-09-487-368A-108
US-09-487-368A-108
; Sequence 108, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODUL
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US-09-487-368A-64
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US-09-560-594-22
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US-09-560-594-22
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0144
CURRENT APPLICATION NUMBER: US/09/560,594
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 89
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Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
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LENGTH: 20
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Patent No. 6242590
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Jacqueline Wyatt
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                                                                                                                                                                                                                                                                                                                                         LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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   REFERENCE:
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93.3%;
RTS-0093
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                 ANTISENSE MODULATION OF PTP1B EXPRESSION
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Pred. No. 1.4e+03;
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Pred. No. 1.4e+03;
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US-09-487-368A-109
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                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/487,368A CURRENT FILING DATE: 2000-01-18 NUMBER OF SEQ ID NOS: 240 SEQ ID NO 110 LENGTH: 20 TYPE: DNA
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SEQ ID NO 109
LENGTH: 20
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SEQ ID NO 108
LENGTH: 20
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Best Local (
                             Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Lex M. Cowsert APPLICANT: Jacqueline Wyatt TITLE OF INVENTION: ANTISTILE REFERENCE: RTS-093
                                                                                                                                                                                                                                     FILE REFERENCE:
                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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                 Conservative
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93.3%;
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Pred. No. 1.
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-108
                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-09-487-368A-110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide US-09-487-368A-109
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Score 13.4; DB 1;
Pred. No. 1.4e+03;
0; Mismatches 1;
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                            Length 20;
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RESULT 1933
US-09-487-368A-216
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Best Local Similarity
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LENGTH: 20
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,731
FILING DATE: 03-OCT-1997
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/212,322
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,322
FILING DATE: 14-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -08-943-731-526/c
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OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: KORKKO, JARNO
APPLICANT: KORKKO, JARNO
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 666
                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
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STREET: FLR.
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DELTAS, CONSTANTINOS D.
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LARSON, ANDREA W.
                                                                                                                                                                                                                                       USA
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EARLY, JAMES
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LORETTA D
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Pred. No. 1.
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US-08-702-525-61
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                                                                                                                                    TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICATION NUMBER: UPICAT
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                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: BW
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 02-Mar-1994
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E.
REGISTRATION NUMBER: 36,20
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MEDIUM TYPE: Floppy
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LENGTH: 20 base pairs
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REFERENCE/DOCKET NUMBER: 95
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
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NAME: DOYLE LEARY Ph.D.,
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TITLE OF INVENTION: Molecules and Uses Therefor
NUMBER OF SEQUENCES: 65
MOLECULE TYPE:
-702-525-61
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                            TOPOLOGY:
                                                                                          STRANDEDNESS:
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                          oligonucleotide
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Pred. No. 1
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US-09-193-562D-23/c
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Best Local S
Matches 14
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APPLICANT: Pauli, Benedicht U.
APPLICANT: Pauli, Benedicht U.
TITLE OF INVENTION: Nucleotide Sequences Encoding Mammalian Calcium
TITLE OF INVENTION: Activated Chloride Channel-Adhesion Molecules
FILE REFERENCE: 18617.0052
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                  SEQ ID NO 23
LENGTH: 20
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Best Local Similarity
Matches 14; Conserv
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CURRENT APPLICATION NUMBER: US/09/193,562D
CURRENT FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: US/60/065,922
PRIOR FILING DATE: 1997-11-17
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                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Nucleotide Sequences Encoding Mammalian Calcium TITLE OF INVENTION: Activated Chloride Channel-Adhesion Molecules
                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                           OTHER INFORMATION: Amplification primer
                                                                                                                                                                                FEATURE:
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                                 2611 ACAGCCCTGTCTTTG 2625
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                                                                  Score 13.4; DB 1;
Pred. No. 1.4e+03;
0; Mismatches 1;
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Pred. No. 1.4e+03;
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                                                                                                    Length 20;
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RESULT 1938

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Sequence 37, Application US/09326186B

Patent No. 6319906

GENERAL INFORMATION:

APPLICANT: Bennett, Clarence Frank

APPLICANT: Vickers, Timothy A.

ITILE OF INVENTION: Oligonucleotide Compositions and Methods for the

TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the

TITLE OF INVENTION: Modulation of the Expression of B7 Protein

FILE REFERENCE: ISPH-0376

CURRENT APPLICATION NUMBER: US/09/326,186B

CURRENT FILING DATE: 1999-06-04

PRIOR APPLICATION NUMBER: 08/777,266

PRIOR APPLICATION NUMBER: 08/777,266

PRIOR APPLICATION SERVICE SERVICE SERVICE OF SOFTWARE: PACIFIC SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SERVICE SE
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US-09-326-186B-52
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GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 52
LENGTH: 20
                                                                                                                                                            Sequence 164, Application US/09326186B Patent No. 6319906
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Vickers, Timothy A.

TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
TITLE OF INVENTION: Modulation of the Expression of B7 Protein
FILE REFERENCE: ISPH-0376
CURRENT APPLICATION NUMBER: US/09/326,186B
CURRENT FILING DATE: 1996-16-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bennett, Clarence Frank APPLICANT: Vickers, Timothy A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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OTHER INFORMATION: Synthetic
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Pred. No. 1.4e+03;
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Sequence 72, Application US/09468872
Patent No. 6331614
GENERAL INFORMATION:
APPLICANT: Wong, Alexander K.C.
APPLICANT: Teng, David H.-F.
APPLICANT: Tavtigian, Sean V.
TITLE OF INVENTION: Human CDC14A Gene
FILE REFERENCE: CDC14A Gene
CURRENT FILING DATE: 1999-12-22
CURRENT FILING DATE: 1999-12-22
EARLIER APPLICATION NUMBER: US 60/113,833
EARLIER FILING DATE: 1998-12-23
NUMBER OF SEQ ID NOS: 82
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 72
LENGTH: 20
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; ORGANISM: Homo sapiens
US-09-468-872-72
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APPLICANT: Thomas C. Hart
APPLICANT: Jennifer A. Price
APPLICANT: Jennifer A. Price
TITLE OF INVENTION: Methods and Compositions for Enhancing
TITLE OF INVENTION: Osseous Growth, Repair, and Regeneratic
FILE REFERENCE: WFU98-18
CURRENT APPLICATION NUMBER: US/09/031,962D
CURRENT FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
LENGTH: 20
                                                                                                                                                                                                               Sequence 6, Application US/09031962D Patent No. 6350867 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local Similarity
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CURRENT FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Modulation of the Expression of FILE REFERENCE: ISPH-0376
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ORGANISM: Artificial Sequence
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Pred. No. 1.4e+03;
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Pred. No. 1.4e+03;
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                                                                                                                                      Regeneration
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US-09-462-261-36
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                  Patent No. 6391636
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 52
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 52, Application US/09561497 Patent No. 6372433
                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/561,497
CURRENT FILING DATE: 2000-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ANTI: FILE REFERENCE: RTS-0149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
                                                           OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/462,261
FILING DATE: 01-Mar-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4704 GCTTCAGTGACACAA 4718
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                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Brett P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      16 GTATGGGTCCGTGAG
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APPLICATION NUMBER: 08/756,806
FILING DATE: No. 6391636ember 26,
APPLICATION NUMBER: PCT/U895/07111
FILING DATE: May 31, 1995
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                                                                                                                                                                              COMPUTER: Pentium
                                                                                                                                                                                                                         ZIP: 08053
                                                                                                                                                                                                                                                          STATE: NJ
                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                       CITY: Marlton
                                                                                                                                                                                                                                                                                         STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        C. Frank Bennett
Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/09462261
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                                                                                                                                                                                                                                                                                                        Jane Massey Licata, Esq
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                                                                                                                                                                                                                                                                                                                                                                                        Monia
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Pred. No. 1.4e+03;
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Pred. No. 1
                                                                                                                                                                                            3.5 INCH, 1.44 Mb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 1945
US-09-167-109-200/c
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Best Local S
Matches 14
                                                                                                                                     Sequence 58, Applicate Patent No. 6399379 GENERAL INFORMATION:
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SEQ ID NO 200
LENGTH: 20
SEQ ID NO 58
                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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Patent No. 63992
                                                                                                                                                                                                                                                                                                                                   Matches
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              APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P35 SUBUNIT EXPRESSION
FILE REFERENCE: RTS-0241
CURRENT FILING AFTE: 2001-05-07
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Baker, Brenda F.
APPLICANT: COWSET, LEX M.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0312
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                               1663 GCCAGCTCCTGCAGC 1677
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STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (609) 810-1454
DN FOR SEQ ID NO: 36:
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                                                                                                                                                                        Application US/09851520
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99297
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Pred. No. 1.
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Pred. No. 1
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FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/09/506,073

CURRENT FILING DATE: 2000-02-18

EARLIER APPLICATION NUMBER: US 09/143,214

EARLIER FILING DATE: 1990-08-28

EARLIER APPLICATION NUMBER: PCT/US98/13961

EARLIER FILING DATE: 1998-07-06

EARLIER FILING DATE: 1998-07-07

EARLIER FILING DATE: 1998-07-07

EARLIER FILING DATE: 1997-07-07

EARLIER FILING DATE: 1996-11-26

EARLIER APPLICATION NUMBER: US 08/756,806

EARLIER APPLICATION NUMBER: PCT/US95/07111

EARLIER APPLICATION NUMBER: PCT/US95/07111

EARLIER APPLICATION NUMBER: US 08/250,856

EARLIER FILING DATE: 1994-05-31

NUMBER OF SEQ ID NOS: 130

SEQ ID NO 125

LENGTH: 20

ORGANISM: artificial sequence
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: WOUNG, A BIDING H.
APPLICANT: LEE, YOON S.
TITLE OF INVENTION: SEQUENCES AND METHODS OF
TITLE OF INVENTION: GROWTH
FILE REFERENCE: 032396-046
CURRENT APPLICATION NUMBER: US/09/295,593
CURRENT FILING DATE: 1999-04-22
EARLIER APPLICATION NUMBER: US 60/082,791
EARLIER FILING DATE: 1998-04-23
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US-09-506-073-125
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                                                                                                                                                                                                                                                                                        RESULT 1948
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Patent No. 6417169
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Best Local Similarity
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Best Local Similarity
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TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
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Pred. No. 1
                                                                                                                    GROWTH FACTOR
D METHODS OF US
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; ORGANISM: Human
US-09-295-593-4
                                                                 US-09-154-750A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-702-327-24
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 Query Match
Best Local S
Matches 14
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Best Local Similarity 93.3
14; Conservative
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APPLICANT: Vogelstein,
APPLICANT: Kinzler, Ko
APPLICANT: Polyak, Ko
                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US/09154750A Patent No. 6432640
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APPLICANT: C. Frank Bennett
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Best Local :
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                                                                                                                                               SEQ ID NO 1
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
FILE REFERENCE: RTS-0097
                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/154,750A CURRENT FILING DATE: 1998-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/702,327
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                              PRIOR FILING DATE: 1998-03-30
                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/079817
                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/059,153 PRIOR FILING DATE: 1997-09-17
                                                                                                                                                                                                                                                                                          APPLICANT: Kinzler, Kenneth
APPLICANT: Polyak, Kornelia
TITLE OF INVENTION: p53-Induced Apoptosis
FILE REFERENCE: 1107.75357
                                                                                                                                                             SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                               NUMBER OF SEQ ID NOS:
                                                                                          ORGANISM: Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                TYPE: DNA
                                                                                   FEATURE:
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 y Match 0.3%;
Local Similarity 93.3%;
hes 14; Conservative
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 Score 13.4; DB 1;
Pred. No. 1.4e+03;
0; Mismatches 1;
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Pred. No. 1
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Pred. No. 1.4e+03;
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                              Length 20;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-57
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                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Nucleic Acid Sequence Used ; Patent No. 6448064 US-09-771-530A-1
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US-09-771-530A-1
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                                                                                   US-09-851-062-75/c
                                                                                                       RESULT 1953
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Patent No. 6448064
GENERAL INFORMATION:
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CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 57
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                    SOPTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                 Sequence 75, Applicate Patent No. 6448081 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
                                                                                                                                                                                                                                    Query Match
Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/771,530A
CURRENT FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: TUAN, VO-DINH
TITLE OF INVENTION: INTEGRATED CIRCUIT BIOCHIP MICROSYSTEM
FILE REFERENCE: 6321-213CON
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: RTS-0186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                        FEATURE:
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                                                                     Application US/09851062
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Pred. No. 1.4e+03;
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Pred. No. 1.
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OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION

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GENERAL INFORMATION:
APPLICANT: RICHARD A. GACTI
TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA
TITLE OF INVENTION: TELANGIECTASIA MUTATIONS
FILE REFERENCE: 510015-222
CURRENT APPLICATION UMBER: US/09/360,416
CURRENT FILING DATE: 1999-07-23
NUMBER OF SEQ ID NOS: 143
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 43
LENGTH: 20
                                                   ; TYPE: DNA
; ORGANISM: Human
US-09-360-416-43
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; Sequence 115, Application US/09517467B
; Patent No. 6451602
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Best Local S
Matches 14
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CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 115
LENGTH: 20
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CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 75
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Query Match
Best Local Similarity
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Best Local
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OTHER INFORMATION: Antisense Oligonucleotide
-09-517-467B-115
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APPLICANT: Lex M. COWBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: RTS-0247
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Pred. No. 1.4e+03;
0; Mismatches 1;
Score 13.4; DB 1;
Pred. No. 1.4e+03;
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                 Length 20;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-845A-122
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US-09-659-845A-122
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                                                                                                                                                                                CURRENT FILING DATE: 2001-07-23
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 122
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                    GENERAL INFORMATION:

APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
FILE REFERENCE: RTS-0.183
CURRENT APPLICATION UNMBER: US/09/659,845A
CURRENT FILING DATE: 2001-07-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 34 LENGTH: 20
                                                                               Query Match
Best Local S
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CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
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APPLICANT: Paeper, Bryan
APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Brunkow,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
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                                                                                 y Match 0.3%;
Local Similarity 93.3%;
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Local Similarity 93.3%;
les 14; Conservation
                                 3219 GGCTCCAGCATCACT 3233
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GGCTCCAGCTTCACT 17
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                                                                                 Score 13.4; DB 1; Length 20; Pred. No. 1.4e+03;
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Pred. No. 1.
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RESULT 1958 US-09-844-521-30

Sequence 30, Application US/09844521 Patent No. 6492172

GENERAL INFORMATION:

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                                                                                                                                                                                                                                                                      US-09-629-644A-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-09-844-521-48
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                                                                                                                                                                                                                                    Sequence 64, Application US/09629644A Patent No. 6492345
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SEQ ID NO 48
LENGTH: 20
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Patent No. 6492172
GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
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CURRENT APPLICATION NUMBER: US/09/844,521
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 30
LENGTH: 20
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Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
APPLICANT: ROBERT MCKAY
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
                                                                                                                        APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: RTS-0163
CURRENT APPLICATION NUMBER: US/09/844,521
CURRENT FILING DATE: 2001-04-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Harris Busch
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GU PROTEIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: C. Frank Bennett
APPLICANT: Harris Busch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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Pred. No. 1.4e+03;
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SEQ ID NO 64
LENGTH: 20
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SEQ ID NO 108
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                       Sequence 109, Application US/09629644A Patent No. 6602857
SEQ ID NO 109
LENGTH: 20
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Best Local
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CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
                                             CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
                                                                                                          APPLICANT: ROBERT MCKAY
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: ISPH 0478
                                                                                                                                                                                                         APPLICANT: Lex M. Cowsert APPLICANT: Jacqueline Wy
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TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: ISPH-0478
                              NUMBER OF SEQ ID NOS: 242
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Susan M. Freier
Brett P. Monia
Madeline M. Butler
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Brett P. Monia
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Pred. No. 1.4e+03;
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Best Local Similarity
Matches 14; Conserv
                                                 SEQ ID NO 216
LENGTH: 20
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Best Local !
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LENGTH: 20
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APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Madeline M. Butler
APPLICANT: Mobert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
FILE REFERENCE: 158PH-04-19
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
                                                                            APPLICANT: ROBERT MCKAY
TITLE OF INVENTION: ARTISENSE MODULATION OF
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR PILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
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OTHER INFORMATION: Antisense Oligonucleotide
ORGANISM: Artificial Sequence FEATURE:
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Madeline M. Butler
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Pred. No. 1.4e+03;
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Pred. No. 1.
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US-08-961-309-6/c
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SEQ ID NO 216
LENGTH: 20
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APPLICANT: Lex M. C
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                                APPLICANT: Padlan, Edwardo A.
TITLE OF INVENTION: Composite Antibodies of Humanized Human Subgroup IV Light Chain
TITLE OF INVENTION: Capable of Binding to TAG-72
FILE REFERENCE: 37777B
CURRENT FILLING DATE: 1997-10-30
EARLIER APPLICATION NUMBER: US 60/030,173
EARLIER FILLING DATE: 1996-10-31
EARLIER FILLING DATE: 1996-10-31
EARLIER APPLICATION NUMBER: US 08/261,354
EARLIER APPLICATION NUMBER: US 07/964,536
EARLIER APPLICATION NUMBER: US 07/964,536
EARLIER FILLING DATE: 1994-06-16
EARLIER FILLING DATE: 1994-08-10-20
                                                                                                                                                                                                                                                                                       APPLICANT: Mezes, Peter S.
APPLICANT: Richard, Ruth A.
APPLICANT: Johnson, Kimberly S.
APPLICANT: Schlom, Jeffrey
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TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
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APPLICANT: Shu, Liming
EARLIER APPLICATION NUMBER: US 07/510,697
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Brett P. Monia
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Pred. No. 1.
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Pred. No. 1.4e+03;
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RESULT 1968
US-09-172-699-10
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                                                                                                                                                                                                                                                                                                    Sequence 10, Application US/09172699A Patent No. 6514690 GENERAL INFORMATION:
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Best Local (
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LENGTH: 20
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APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local
                                   SOFTWARE: PatentIn Ver.
SEQ ID NO 10
LENGTH: 20
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                                                                                                                                                                                                           APPLICANT: Anderson, David A.
APPLICANT: Locarnini, Stephen A.
APPLICANT: Toressi, Joseph
APPLICANT: Hui, Zhuang
APPLICANT: Li, Fan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                     FILE REFERENCE: Davies Col. Cave CURRENT APPLICATION NUMBER: US/99/172,699A CURRENT FILING DATE: 1998-10-14 EARLIER APPLICATION NUMBER: 08/617,927 EARLIER FILING DATE: 1996-06-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/657,346A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 174
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EQ ID NO 6
                                                                                                                                                                                           TITLE OF INVENTION: IMMUNOREACTIVE ANTIGENS
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                                                                                        NUMBER OF SEQ ID NOS: 24
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LOCATION: 1..20
OTHER INFORMATION: Oligonucleotide used to sequence DNA encoding
                  TYPE: DNA
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Local Similarity 93.3%;
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Local Similarity 93.3%;
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6503754
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Pred. No. 1.4e+03;
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Pred. No. 1.4e+03;
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分立のTHER INFORMATION: Description of Artificial Sequence:HEV Primer (ORF; このTHER INFORMATION: 2.0 reverse)
US-09-172-699-10
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                                                                  APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET.020CP1
FULE REFERENCE: GENSET.020CP1
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 09/298,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
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APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-0-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
SEQ ID NO 10511
LENGTH: 20
TYPE: DNA
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SEQ ID NO 5718
LENGTH: 20
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Patent No. 6537751
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                                                          NUMBER OF
                                                                                                                                                                                                                                                                                                    APPLICANT: Cohen,
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LOCATION: 1..20
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                                                        SEQ ID NOS:
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93.3%;
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Pred. No. 1.4e+03;
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Pred. No. 1.4e
0; Mismatches
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GENERAL INFORMATION:
APPLICANT: MIGASIMANGALAM, RAJA
ITITLE OF INVENTION: SEQUENCE SPECIFIC AND
ITITLE OF INVENTION: CDNA NORMALIZATION AND
PILE REFERENCE: 540579-2003
CURRENT APPLICATION NUMBER: US/09/614,614
CURRENT FILING DATE: 2000-07-12
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin version 3.0
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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Best Local S
Matches 14
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Patent No. 6544741
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Patent No. 6537751
GENERAL INFORMATION:
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TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
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ORGANISM: Homo Sapiens
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NAME/KEY: primer_bind
LOCATION: 1..20
                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: primer_bind
LOCATION: 1..20
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: downstream amplification primer 99-3398 for SEQ 3342, in
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Similarity 93.3%;
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Pred. No. 1.4e+03;
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Pred. No. 1.
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GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: AUSAN M. Freier
APPLICANT: ANDREW T. WALL
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXI
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 141
LENGTH: 20
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; OTHER INFORMATION: killer primer US-09-614-614-27
                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-141
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US-09-705-267A-141/c
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US-09-705-267A-131/c
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Best Local S
Matches 14
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CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 131
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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PATENT NO. 6551826
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                    voluence 141, Application US/09705267A Patent No. 6551826
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Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                               FEATURE:
                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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Pred. No. 1.4e+03
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Pred. No. 1.
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GENERAL INFORMATION:
APPLICANT: Criffais, R.
APPLICANT: Criffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frac
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2148
LENGTH: 20
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APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
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LENGTH: 20
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Patent No. 6559294
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LENGTH: 20
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APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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Pred. No. 1.
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Pred. No. 1.4e+03;
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US-09-198-452A-3331
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragritte OF INVENTION: thereof and uses thereof, in particular for the diagnosis, TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
                                                                      Query Match
_- rocal Similarity
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SEQ ID NO 3480
                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3480, Application US/09198452A Patent No. 6559294
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Best Local
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevTITLE OF INVENTION: and treatment of infection FILE REFERENCE: 9710-003-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                          TYPE: DNA ORGANISM: Chlamydia pneumoniae
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16 GTTCCTTCCCTTAGC
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Similarity 93.3%; Pred. No. 1
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                                                                                   0.3%; Score 13.4;
93.3%; Pred. No. 1
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                                                                                                     Length 20;
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RESULT 1980 US-09-198-452A-4012/c

Sequence 4012, Application US/09198452A Patent No. 6559294

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FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6721
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6721
                                                                                                                                                                                                                                                                                                                                                                          RESULT 1982
US-09-198-452A-6721/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4743
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4743
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4012
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APPLICANT: Griffais, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4012
LENGTH: 20
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Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
  Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                     Sequence 6721, Application US/09198452A Patent No. 6559294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4743, Application US/09198452A Patent No. 6559294
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                                                                                                                                                                                                                              APPLICANT: Griffais, R. TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragritte OF INVENTION: thereof and uses thereof, in particular for the diagnosis, TITLE OF INVENTION: and treatment of infection
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Pred. No. 1.4e+03;
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Pred. No. 1.4e+03;
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13.4;
No. 1.
  DB 1;
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                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: CHERIF, DOTTA
APPLICANT: CHERIF, DOTTA
TITLE OF INVENTION: FLUORESCENT PROBES FOR CHROMOSOME PAINTING
FILE REFERENCE: GENSET.069AUS
CURRENT PELLICATION NUMBER: US/09/418,804A
CURRENT FILING DATE: 1999-10-15
EARLIER APPLICATION NUMBER: FR 98/12957
EARLIER FILING DATE: 1998-10-15
                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 3
SEQ ID NO 1
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Best Local Similarity
Matches 14; Conserv
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Patent No. 6562786
                                                                Matches
                                                                             Query Match
Best Local Similarity
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Patent No. 656295
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/248,015
CURRENT FILING DATE: 1999-02-10
NUMBER OF SEQ ID NOS: 81
                                                                                                                                                                                                                       LENGTH: 20
TYPE: DNA
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                        FEATURE: primer_bind
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: primer PCR Alu
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TGCACTCCAGCCTGG 19
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Pred. No. 1.4e
0; Mismatches
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Pred. No. 1.4e+03;
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                                                                             DB 1;
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                                                                                            Length 20;
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RESULT 1985 US-09-843-376-13

Sequence 13, Application US/09843376

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US-09-249-247-96/c
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US-09-249-247-95/c
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                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local S
Matches 14
Sequence 96, Application US/09249247
Patent No. 6593305
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
APPLICANT: YOUNG, Aiping H.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Ancitumor Antisense Sequences Directed Against TITLE OF INVENTION: ACCOMPONENTS of Ribonucleotide Reductase FILE REFERENCE: 03396-023
CURRENT APPLICATION UNMERE: US/09/249,247
CURRENT FILING DATE: 1999-02-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver.
SEQ ID NO 95
LENGTH: 20
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CURRENT FILING DATE: 2001-04-26
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 13
LENGTH: 20
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Patent No. 6593305
GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
TITLE REFERENCE: 032396-023
CURRENT APPLICATION NUMBER: US/09/249,247
CURRENT FILING DATE: 1999-02-11
EARLIER APPLICATION NUMBER: US 60/023,040
EARLIER FILING DATE: 1996-08-02
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: US 60/039,959
EARLIER APPLICATION NUMBER: US 08/904,901
EARLIER FILING DATE: 1997-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Human
-09-249-247-95
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                              3072 ACCTCTCAGGGCAAG 3086
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Pred. No. 1.4e+03;
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Pred. No. 1.4e+03;
0; Mismatches 1;
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EARLIER APPLICATION NUMBER: US 60/023,040
EARLIER FILING DATE: 1996-08-02
EARLIER APPLICATION NUMBER: US 60/039,959
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: US 08/904,901
EARLIER APPLICATION NUMBER: US 08/904,901
EARLIER FILING DATE: 1997-08-01
NUMBER OF SEQ ID NOS: 220
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 96
LENGTH: 20
TYPE: DA
                                                                                                                                                                                                        ; TYPE: DNA; ORGANISM: Homo sapiens US-09-526-193A-144
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CURRENT FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILING DATE: 1999-06-17
PRIOR FILING DATE: 1999-09-01
PRIOR FILING DATE: 1999-09-01
NUMBER: 09-09-01
NUMBER: 09-09-01
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RESULT 1989
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US-09-526-193A-144
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SEQ ID NO 144
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                                                                                                                                                 Query Match
Best Local S
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APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: WETHODS AND REAGENTS FOR MODULATING
TITLE OF INVENTION: CHOLESTEROL LEVELS
FILE REFERENCE: 50110/002005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: modified base
LOCATION: (1)..(20)
OTHER INFORMATION: Nucleotides 1&2, 3&4, 5&6,
OTHER INFORMATION: 13&14, 15&16, 17&18, and 19
OTHER INFORMATION: phosphorothioate.
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FEATURE:
                                                                                                                                                                                                                                                                       LENGTH:
                                                                                             1050 CTTAAGGCCATCCAA 1064
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                                                        2 CTANAGGCCATCCAN 16
                                                                                                                                                     Similarity
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Similarity 93.3%; Pred. No. 1
                                                                                                                                   Conservative
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Pred. No. 1.4e+03;
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19&20 a
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are attached
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US-09-743-871B-20/c; Sequence 20, Application US/09743871B; Patent No. 6627734

GENERAL INFORMATION

Sloan-Kettering Cancer Center

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RESULT 1991
US-09-860-473-32/c
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; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-033-936-5
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SEQ ID NO 20
LENGTH: 20
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Best Local Similarity
Matches 14; Conserv
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SEQ ID NO 5
LENGTH: 20
                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                 Sequence 32, Application US/09860473 Patent No. 6656732
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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: TOMIZUKA, KAZUMA
APPLICANT: YOSHIDA, HITOSHI
APPLICANT: HANGNA, KAZUNORI
APPLICANT: HANGNA, KAZUNORI
APPLICANT: OSHIMURA, MITSUO
APPLICANT: ISHIDA, ISAO
TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
FILE REFERENCE: 081356/0114
CURRENT APPLICATION NUMBER: US/09/033,936
CURRENT FILING DATE: 1998-03-02
PRIOR APPLICATION NUMBER: PCT/JP96/02427
PRIOR FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
FILE REFERENCE: RTS-0222
CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT APPLICADINE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
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CURRENT APPLICATION NUMBER: US/09/743,871B
CURRENT FILING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: PCT/US99/15977
PRIOR FILING DATE: 1997-07-15
PRIOR APPLICATION NUMBER: 60/093,002
PRIOR APPLICATION NUMBER: 60/093,002
PRIOR APPLICATION DATE: 1996-07-16
NUMBER OF SEQ ID NOS: 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Mouse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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Pred. No. 1.
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Pred. No. 1.
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; TYPE: DNA; ORANISM: Artificial Sequence; FEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-09-860-473-32
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US-09-495-714C-105
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                                                                     FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: reverse primer
US-09-234-395-322
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US-09-234-395-322/c
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                                                                                                                                                                              APPLICANT: Blaschuk, Orest W.
APPLICANT: Byers, Stephen
APPLICANT: Byers, Stephen
APPLICANT: Gour, Barbara J.
APPLICANT: Gour, Barbara J.
APPLICANT: GOUR METHODS FOR DIAGNOSING AND EVALUATING CANCER
TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER
TILE REFERENCE: 100086,407C2
CURRENT APPLICATION NUMBER: US/09/234,395
CURRENT FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 324
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 322
LENGTH: 20
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GENERAL INFORMATION:
APPLICANT: University Technologies International Inc.
APPLICANT: University Technologies International Inc.
APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT |
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION UNMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
NUMBER OF SEG ID NOS: 138
SOFTWARE: DATESTION 3.1
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SEQ ID NO 105
LENGTH: 20
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Best Local Similarity
Matches 14; Conserv
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LENGTH: 20
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Patent No. 6680175
                 Query Match
Best Local
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Matches
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                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                    TYPE: DNA
                 Y Match 0.3%;
Local Similarity 93.3%;
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Pred. No. 1.4e+03;
                 Score 13.4; DB 1;
Pred. No. 1.4e+03;
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Pred. No. 1.4e+03;
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               1.4e+03;
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2812 ATGAAGAAGGAAGTG 2826

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ATGAAGAAGGAGGTG

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US-10-055-412B-23/c
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US-10-055-412B-19/c
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APPLICANT: Byers, Stephen
APPLICANT: Gour, Barbara J.
TITLE OF INVENTION: METHODS FOR DIAGNOSING AND
FILE REFERENCE: 100086.407C4
CURRENT APPLICATION NUMBER: US/09/305,928
CURRENT FILING DATE: 1999-05-05
NUMBER OF SEQ ID NOS: 324
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 322
LENGTH: 20
                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Amplification primer US-10-055-412B-19
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Best Local Similarity 93.3%;
Matches 14; Conservative
 Sequence 23, Application US/10055412B Patent No. 6692939 GENERAL INFORMATION:
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PRIOR FILING DATE: 1997-11-17
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 19
GENERAL
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APPLICANT: Pauli, B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Nucleotide Sequences Encoding Mammalian Calcium TITLE OF INVENTION: Activated Chloride Channel-Adhesion Molecules FILE REFERENCE: 18617.0058
CURRENT APPLICATION NUMBER: US/10/055,412B
CURRENT FILING DATE: 2001-10-29
PRIOR APPLICATION NUMBER: US/09/193,562
PRIOR FILING DATE: 1998-11-17
PRIOR FILING DATE: 1998-11-17
                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: reverse primer
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ORGANISM: Artificial Sequence
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Pred. No. 1.4e+03;
0; Mismatches 1;
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Pred. No. 1.4e+03;
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                                                                                                                                                                                                                                        RESULT 1998
US-09-953-318-139
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US-09-966-451-26
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                                                                                                                                            GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
                                                                                                                                                                                                    Sequence 139, Application US/09953318 Patent No. 6710174
SEQ ID NO 139
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                      Matches
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LENGTH: 20
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Best Local Similarity 93.3%;
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LENGTH: 20
                                  CURRENT APPLICATION NUMBER: US/09/953,318
CURRENT FILING DATE: 2001-09-13
NUMBER OF SEQ ID NOS: 154
                                                                                       TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-4 EXPRESTILE REFERENCE: RTS-0324
CURRENT APPLICATION NUMBER: US/09/966;451
CURRENT FILING DATE: 2001-09-28
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TITLE OF INVENTION: Nucleotide Sequences Encoding
TITLE OF INVENTION: Activated Chloride Channel-Ad
FILE REFERENCE: 18617.0058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 1
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Query Match
Best Local Similarity
Marches 14; Conserve
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US-09-329-515A-9
                                                                                                                                                                                                                                                                                     US-09-329-515A-9
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         CURRENT APPLICATION NUMBER: US/09/329,515A
CURRENT FILING DATE: 1999-06-10
NUMBER OF SEQ ID NOS: 65
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 9
SEQ ID NO 9
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Schwartz, David A.
APPLICANT: Schwartz, David A.
APPLICANT: Schutte, Brian C.
TITLE OF INVENTION: Variant TLR4 nucleic acid and uses thereof
FILE REFERENCE: 875.010US1
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SOFTWARE: Patentin Ver 2.1
SEQ ID NO 30
LENGTH: 20
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TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND OBESITY
FILE REFERENCE: 2976-4037
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ALLEN, KRISTINA
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Pred. No. 1.4e+03;
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Pred. No. 1.4e+03;
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                                                                                                                                ; ORGANISM: Homo sapiens
FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Sense primer for EPLIN beta
US-09-865-879-24
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APPLICANT: Chang, Bey-Dih
TITLE OF INVENTION: REGENTS AND METHODS FOR ID
TITLE OF INVENTION: REGULATED BY RETINOIDS
FILE REFERENCE: 99,216-H
CURRENT APPLICATION UNMBER: US/09/865,879
CURRENT FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
PRIOR TILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
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US-10-172-911-80/c
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SEQ ID NO 24
LENGTH: 20
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SEQ ID NO 80
LENGTH: 20
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Best Local Similarity
Matches 14; Conser
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Best Local Similarity
Matches 14; Conserv
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APPLICANT: Lex M. Cowsert
APPLICANT: Kenneth W. Do
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TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN12 EXPRESSION
FILE REFERENCE: PTS-0016
CURRENT APPLICATION NUMBER: US/10/172,911
CURRENT FILING DATE: 2002-06-17
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                                                                                                                                                                                                                       TYPE: DNA
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Pred. No. 1.4e+C
                                                               Mismatches
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                                                                                  1.4e+03
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US-09-574-779B-31
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             GENERAL INFORMATION:
APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
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SEQ ID NO 22
LENGTH: 20
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APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL
TITLE OF INVENTION: No. 6767720el CDNAs encoding catenin-binds
TITLE OF INVENTION: function in signalling and/or gene regula
FILE REFERENCE: 2676-4415US
CURRENT FILING DATE: 2000-05-19
PRIOR APPLICATION NUMBER: US/09/574,779B
CURRENT FILING DATE: 1999-05-17
NUMBER OF SEPLICATION NUMBER: 99201543.8
PRIOR FILING DATE: 1999-05-17
NUMBER OF SEQ ID NOS: 158
                                                                                                    Sequence 292, Application US/09544398B Patent No. 6770461
                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL TITLE OF INVENTION: No. 6767720el cDNAs encoding catenin-binding proteins with TITLE OF INVENTION: function in signalling and/or gene regulation FILE REFERENCE: 2676-4415US
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CURRENT FILING DATE: 2000-05-19
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SOFTWARE: PatentIn Ver. 2.1
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
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Local Similarity 93.3%;
nes 14; Conservative
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INFORMATION FOR SEQ ID NO:
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PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
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CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
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SOFTWARE: FastSEQ for Windows Version 4.0
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ORGANISM: Homo sapiens
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
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      Local Similarity 93.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Mandragouras, Amy E. REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: BW
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60 State Street, suit
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                                                       0.3%; Score 13.4; DB 1;
93.3%; Pred. No. 1.4e+03;
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Pred. No. 1
      Mismatches
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                                                                                                        Length 20;
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Sequence 30, Application:
Sequence 30, Application:
GENERAL INFORMATION: The General Hospital Corporation
APPLICANT: The General Hospital Corporation
TITLE OF INVENTION: CATALYTIC DNA
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street,
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PCT-US96-09358-30/c
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PCT-US95-04477-78
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APPLICATION NUMBER: US 08,
FILING DATE: 14-APR-1994
INFORMATION FOR SEQ ID NO: 78
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches 14;
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Best Local S
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TITLE OF INVENTION: DITTLE OF INVENTION: CONUMBER OF SEQUENCES:
                                                                                                                                                   COUNTRY: USA
ZIF: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
DESCRIPTION: SYNTHETIC DNA"
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
                                                  APPLICATION NUMBER: PCT/US96/09358
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/487,867
ATTORNEY/AGENT INFORMATION:
                  APPLICATION NUMBER: 08/4 FILING DATE: 07-JUN-1995 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                     CITY: Boston
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US95/04477
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.3%; Score 13.4; DB 1; 93.3%; Pred. No. 1.4e+03;
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Query Match 0.3%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 1.4e+03; Matches 14; Conservative 0; Mismatches 1
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Best Local Similarity 93.3%;
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APPLICANT: Glazer, F
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                       TELEFAX: 301-208-6997
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                         CLASSIFICATION:
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: KALTA, Glenn E.
REGISTRATION NUMBER: 30,649
REFERENCE/DOCKET NUMBER: PA-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-227-258
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Lech, Karen F.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09430
                                                                                      HYPOTHETICAL:
ANTI-SENSE: 1
                                                                                                    MOLECULE TYPE: UN
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MEDIUM TYPE: Floppy disk
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ADDRESSEE: OncorPhar
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                                                                                                                                       LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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TELEFAX: (617) 542-8906
TELEX: 200154
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Gaithersburg
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200 Perry Parkway
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                                                                                                                       DNA (genomic)
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Pred. No. 1.4e+03;
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                                    DB 1;
                                  Length
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US-09-232-785-357
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; ORGANISM: Pinus taeda L.
US-09-232-785-357
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Best Local Similarity
Matches 17; Conserv
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SEQ ID NO 357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 357, Application US/09232785 Patent No. 6733965
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: International Paper Co.
APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1999-0
APPLICATION NUMBER: US 07/711429
FILING DATE: 06-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2310
                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Paoletti, Enzo
APPLICANT: Pincus, Steven E.
TITLE OF INVENTION: FLAVIVIRUS RECOMBINANT POXVIRUSVACCINE
                                                                                                              APPLICATION NUMBER: US 07/567960 FILING DATE: 15-AUG-1990 PRIOR APPLICATION DATA:
                                                                                                                                                                   CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: William S. Frommer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
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                                                                                                                                                                                                          APPLICATION NUMBER: U
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                                                                                                                                                                                                                                                                                                                                                                                               New York
                                                                                                                                                                                                                                                                                                                                                                                                                               530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                          United States of America
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73.9%;
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Pred. No. 1.9e+03;
0; Mismatches 6
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US-08-152-313-51
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                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 51
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base "'
                                                     Matches
                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 5561041
GENERAL INFORMATION:
APPLICANT: Sidran
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 51,
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                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,313
FILING DATE: 12-NOV-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John in REGISTRATION NUMBER: 31,678
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-2912
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (212)840-0712
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                      FEATURE:
NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC OF SPUTUM
TITLE OF INVENTION: ANALYSIS OF SPUTUM
NUMBER OF SEQUENCES: 128
                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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CTTY: Los Angeles
                                                                   Local
                                                                                                                                                                                                        TYPE: nucleic acid
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TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE:
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TOPOLOGY: lin
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                                                                                                                          LOCATION:
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                       3239 CATCAACCCCAACTACAT 3256
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                                                                  Similarity
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1880 Century Park East, Suite 500
                                                   Conservative
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Pred. No. 1
                                                                  Score 13.2;
Pred. No. 1
                                                     Mismatches
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                                                                   1.3e+03
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                                                     Indels
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US-08-480-547A-18/c
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               Sequence 18, Application US/08480547A Patent No. 5652131 GENERAL INFORMATION:
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PILING DATE: 08-NOV-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 723,454
PILING DATE: 28-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: PITCHER ESQ, EDMUND R
REGISTRATION NUMBER: 27,839
REFERENCE/DOCKET NUMBER: MIT5583
                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy d:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 617/248-7000
                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: 1..18
OTHER INFORMATION: /star
OTHER INFORMATION: /note
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: LANGER, ROBERT S
APPLICANT: DEKEYSER, JEAN-LUC
TITLE OF INVENTION: LOCALIZED OLIGONUCLEOTIDE THERAPY
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                         ANTI-SENSE:
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                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
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STREET: EXCHANGE PLACE, 53 STATE STREET
                                                                                                                                                                  549 TCCAAGGCGAGGAGCTG
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                                                                                                                                  18 TCCAAGGTGGAGGACATG 1
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LANGER, ROBERT S
Beavo, Joseph A.
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                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                                          YES
                                                                                                                                                                                                                 0.3%;
                                                                                                                                                                                                                                                                                                   /standard_name= "ANTISENSE HUMAN NMMHC"
                                                                                                                                                                                                                                                                                       /note= "ANTISENSE SEQUENCE TO HUMAN NMMHC"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US 792,146
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                                                                                                                                                                    566
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                                                                                                                                                                                                                   Score 13.2;
Pred. No. 1.
                                                                                                                                                                                                     Mismatches
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                                                                                                                                                                                                                                  DB 1; Length 18;
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                                                                                                                                                                                                                                                                                                                     Sequence 132, Application US/08066325 Patent No. 5667967
COUNTRY: USA
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5652131and, Greta E
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 3279
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
                                                                                                                                                                                                                                                                                                                   tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: LBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/480,547A
FILING DATE:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                               APPLICANT: Steinman, Lawrence
APPLICANT: Oksenberg, Jorge
APPLICANT: Bernard, Claude
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APPLICANT: Loughney, Kate
APPLICANT: McAllister-Lucas, Linda M.
APPLICANT: Sonnenburg, William K.
APPLICANT: Thomas, Melissa K.
TITLE OF INVENTION: Cyclic GMP-Binding, Cyclic GMP-Specific
TITLE OF INVENTION: Phosphodiesterase Materials and Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
                                                                                                                                                                                         NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS; single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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                                                                                                                      STATE:
                                                                                                                                                                                                                            PPLICANT: Oksenberg, Jorge
PPLICANT: Bernard, Claude
TLE OF INVENTION: T-CELL RECEPTOR VARIABLE TRANSCRIPTS AS DISEASE RELATED MARKE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (312) 474-0448
                                                                                                                                         STREET: 6300 C
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: Illinois
                                                                                                                    Washington
                                                                                                                                                         6300 Columbia Center,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                            SEED and BERRY LLP
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Pred. No. 1.3e+03;
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S. Wacker Drive
                                                                                                                                                         701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 18;
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Best Local Similarity
Matches 15; Conservat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              08-250-847B-18/c
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/068
PILING DATE: 27-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5702936and, Greta E
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 3208
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Beavo, Joseph A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                tent No.
                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: No. 5667967tenburg Ph.D., Carol REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 690068.408C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 21-MAY-19
                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Thomas, N
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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                                                                                                                                                  APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                            STREET: 6300 s
CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
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SOFTWARE: PatentIn
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                                                                                                                                                                                                                                                                                                                                             E: Marshall, O'Too
                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                             MCAllister-Lucas, Linda M.
Sonnenburg, William K.
Thomas, Melissa K.
ENTION: Cyclic GMP-Binding,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Francis, Sharron H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Kadlecek, Ann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Corbin, Jackie D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Loughney, Kate
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                                                                                                  US 08/068,051
                                                                                                                                                                 US/08/250,847B
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ower, 233 S. Wacker Drive
                                                 Greta E.
                  32083
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Pred. No. 1.3e+03;
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; LOCATION:
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                                           Best Loc
Matches
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/579,223
FILING DATE: 28-DEC-1995
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NUMBER: WESTONGER! IT DATA:
APPLICATION HUMBER: 08/152,313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 51, Application US/08579223 Patent No. 5726019
                                                                      Query Match
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Best Local
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                                                                                                                                               MOLECULE TYPE:
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 1800 CITY: Los Angeles STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                        LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                 NAME: Wetherell, Jr., Ph.D. REGISTRATION NUMBER: 31,678 REFERENCE/DOCKET NUMBER: PD.
                                                        Local
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3239 CATCAACCCCAACTACAT 3256
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                                           15; Conserv
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Similarity 83.3%;
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1880 Century Park East, Suite 500
                                                                                                                                                                                                                                                                        (619)
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                                             Conservative
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                                                                                                                                                                            linear
                                                                                                                                   CDS
                                                                                                                                                                                                                                                                                    (619) 455-5100
                                                                                                                                                              DNA (genomic)
                                                                                                                                                                                                                                                                      455-5110
                                                        0.3%;
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                                                                                                                                                                                                                                                                                                                                             Ph.D., John R.,
                                                                                                                                                                                                                                                        51:
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Pred. No. 1
                                           0,
                                           Score 13.2; DB 1;
Pred. No. 1.3e+03;
0; Mismatches 3;
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/729,800
PILING DATE: 17-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, william S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2340
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-333
TELEPHONE: (212) 840-333
TELEPAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
creamproness: single
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Patent No. 5744141
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Patent No. 5
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Best Local Similarity
                                                                                                                                                                                                         GENERAL INFORMATION:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                             APPLICANT: Paoletti, Enzo
APPLICANT: Pincus, Steven E.
TITLE OF INVENTION: FLAVIVIRUS RECOMBINANT POXVIRUS VACCINE
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: PINCUS, Steven E.
TITLE OF INVENTION: FLAVIVIRUS RECOMBINANT POXVIRUS VACCINE
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 530 Fifth
CITY: New York
STATE: New York
COUNTRY: United:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Paoletti,
                                              ADDRESSEE: Curtis, Morris & Safford
ADDRESSEE: c/o William S. Frommer
STREET: 530 Fifth Avenue
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
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            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                    65 CATGCCTGCTAGGCCATG 82
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10036
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                             New Yor
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nilarity 83.3%;
Conservative
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            United States of America
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Enzo
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                                                                                                                                                                                                                                                                                                                                                                                                                    .3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 18;
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Best Local Similarity
Matches 15; Conserve
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US-08-742-023-39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                              TELEFAX: (919) 541-8689 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
APPLICATION NUMBER: US
FILING DATE: 17-JUL-15
                             SEQUENCE CHARACTERISTICS:
                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 45.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ELECUTATE (212)
                                                                                                                                                                        FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                   STREET: 520 Whit
CITY: Tarrytown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                           APPLICATION NUMBER:
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            LENGTH:
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GENERAL INFORMATION:
APPLICANT: Beck, James J.
TITLE OF INVENTION: Detection of Maize Fungal Pathogens
TITLE OF INVENTION: Using the Polymerase Chain Reaction COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM CC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA: CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 520 White Plains Road, P.O. Box 2005 SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/484,304 0.3%; Score 13.2; DB 1; 83.3%; Pred. No. 1.3e+03; US 07/729,800 US/08/742,023 US/08/224,391 454310-2340 Mismatches Length 18; 0 Gaps

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                                                                                                                       US-08-758-306-509
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Best Local Similarity
Matches 15; Conserv
                                                                        Best
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                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/758
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UMBER:
                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer JB626"
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                                                                                                                                                                                                                                TTEPAX: (213) 955-0440
                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                          Local
                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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                                                        l Similarity
15; Conserv
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                           AGGAAGAAATCACGTTTG 2430
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MCSwiggen, James A.
WCSwiggen, James A.
VENTION: METHOD AND REAGENT FOR
VENTION: TREATMENT OF DISEASES
VENTION: ASSOCIATED WITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                        Score 13.2; DB 1; Pred. No. 1.3e+03;
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Pred. No. 1
                                                           Mismatches
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                                                                                       Length 18;
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US-08-311-486C-1060/c
                                                                                                             US-08-311-486C-1060
                                                      Matches
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Patent No. 5811300
                                                                             Query Match
                                                                                                                                                                                             TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: inc.
PRIOR APPLICATION DATA: desc
APPLICATION NUMBER: 08/00
FILING DATE: January 19,
APPLICATION NUMBER: 07/98;
FILING DATE: December 7,
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                     TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
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                                                                                                                                                                                                TELEFAX: (411.
                                                                                                                                                                                                           TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                  NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: SO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                   Local
                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 90071-2066
                                                                                                                          TOPOLOGY:
                        1604 GGAGAAGATCCTGCGGAA 1621
18 ĠĠĀĠĀĀĠĀĠĠĊTĠĀĠĠĀĀ 1
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                                                                   Similarity
                                                      Conservative
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James McSwiggen
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                                                                                                                          linear
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                                                                                                                                   single
                                                                 0.3%;
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DISEASES OR CONDITIONS
RELATED TO LEVELS OF
TNF-'
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07/989,849
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                                                                                                                                                                                                                                                                                                                                                                                including application described below:
                                                                                                                                                                                                                                                                                                                                                                                                                                    23, 1994
                                                    0
                                                                 Score 13.2;
Pred. No. 1
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                                                       Mismatches
                                                                                DB 1;
                                                                              Length 18;
                                                      Indels
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                                                    Gaps
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RESULT 2023 US-08-311-486C-1080

Sequence 1080, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper

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Best Local S
                                                                                                                                                                                             Sequence 1089, App
Patent No. 5811300
                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                                                                                                                       Matches
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PRIOR APPLICATION DATA: including appropriate the prior application data: described belapplication number: 08/008,895

FILING DATE: January 19, 193

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

APPLICATION NUMBER: 32,327

REGISTRATION THFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REGISTRATION NUMBER: 209/166

TELEPHONE: (213) 489-1600

TELEPHONE: (213) 489-1600
                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James MCSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TUP-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic STRANDEDNESS: TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RRENT APPLICATION NUMBER: US/vo,...
APPLICATION NUMBER: US/vo,...
PILING DATE: September 23, 1994
PILING TANTON: 435
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OPERATING SYSTEM:
SOFTWARE: Word Pe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH: 18 base pairs
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DEDNESS: single
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James McSwijgen
VENTION: RIBOZYME TREATMENT OF
VENTION: DISEASES OR CONDITIONS
                                                                                                                                    Kenneth Draper
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                                                                                                                                                                                                             Application US/08311486C
                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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Pred. No. 1.3e+03;
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RESULT 2025
US-08-117-952-421
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GE
TITLE OF INVENTION: SAMPLED MAPS
NUMBER OF SEQUENCES: 797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/311,486
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application DATA: described between the prior application DATA: described between the prior application number: 08/008,895
FILING DATE: January 19, 1993
APPLICATION UMMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg Richard J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 633 West Fifth Street: Suite 4700
CITY: Los harry
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                             COUNTRY: U
ZIP: 90071
                                                                                                                                                  STATE:
                                                                                                                                                               STREET: 444 South
CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                     ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark STREET: 444 South Flower Street, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: li
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California
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                                                                                                                                                                                                                                                               METHOD FOR GENERATION OF SEQUENCE SAMPLED MAPS OF COMPLEX GENOMES
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RESULT 2026
US-08-627-254C-6/c
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                                                                            REGISTRATION NUMBER: 34,829
REFERENCE/DOCKET NUMBER: 1852
TELECOMMUNICATION INFORMATION:
TELEPHONE: (216) 622-8200
TELEFAX: (216) 241-0816
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/08627254C Patent No. 5859229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 15; Conserv
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APPLICANT: Kniss, Douglas A.
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Golrick, Mary E
REGISTRATION NUMBER: 34,
                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/627,254C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Calfee, Halter & Griwold LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Elcosanoid Formation NUMBER OF SEQUENCES: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE:
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HYPOTHETICAL:
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MOLECULE TYPE:
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                             STRANDEDNESS:
                                             TYPE: nucleic acid
                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
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                   TOPOLOGY:
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                                                                  LENGTH:
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                                                                18 base pairs
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cDNA to mRNA
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Pred. No. 1.3e+03;
0; Mismatches 3
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                                                                                                                                                              RESULT 2028
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                                                                                                                Sequence 28, Application US/09205922
Patent No. 5951455
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NUMBER OF SEQ ID NOS: 87
SEQ ID NO 28
                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                Best Local Similarity
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Best Local Similarity
                                                       APPLICANT: Lex M. Cowsert TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION FILE REFERENCE: RTS-0030
                           CURRENT APPLICATION NUMBER: US/09/205,922 CURRENT FILING DATE: 1998-12-04
                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (216) 241-081
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: GOLTICK, MATY E
REGISTRATION UNMBER: 34,829
REFERENCE/DOCKET NUMBER: 18
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
COMPUTER: IBM PC com
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ANTI-SENSE: Y
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ADDRESSEE: Calfee, F
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FITLE OF INVENTION: Eicosanc
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CLASSIFICATION:
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800 Superior Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                            : (216) 622-8200
(216) 241-0816
                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                                                                                                                 Score 13.2;
Pred. No. 1
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Pred. No. 1
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                                                                                                                                                                                                                                                                                 1.3e+03;
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                                                                                                                                                                                                                                                                                               DB 1;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-38
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US-09-205-922-38/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/205,922
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 38
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No.
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                          APPLICANT: Kadlecek, Ann
APPLICANT: Loughney, Kate
APPLICANT: McAllister-Lucas, Linda M.
APPLICANT: Sonnenburg, William K.
APPLICANT: Thomas, Melissa K.
APPLICANT: Thomas, Melissa K.
TITLE OF INVENTION: Cyclic GMP-Binding, Cyclic GMP-Specific
TITLE OF INVENTION: Phosphodiesterase Materials and Methods
NUMBER OF SEQUENCES: 23
                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                       COUNTRY: USA
                                                                                                                                                                                           ADDRESSEE:
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5955583
                                                                                                          60606
                                                                                                                                                           Chicago
                                                                                                                                           Illinois
                                                                                                                                                                       E: Marshall, O'Toc
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                                                                                                                                                                                                                                                                                                                                                                 Francis, Sharron H.
                                                                                                                                                                                                                                                                                                                                                                                                    Beavo, Joseph A.
Corbin, Jackie D.
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                                                                                                                                                                                                                                                                                                                                                                                       Kenneth M
                                                                                                                                                                       O'Toole, Gerstein, Murray & Borun
ower, 233 S. Wacker Drive
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0; Mismatches
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Pred. No. 1
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                  Version
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RESULT 2032
US-08-956-242-10/c
; Sequence 10, Application US/08956242C
; Patent No. 5986081
; GENERAL INFORMATION:
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CURRENT FILING DATE: 1998-11-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 28
LENGTH: 18
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Best Local Similarity
Matches 15; Conserv
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Best Local :
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CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/068,
FILING DATE: 27-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: NO. 595583and, Greta E
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 3270/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
CURRENT APPLICATION NUMBER: US/08/956,242C CURRENT FILING DATE: 1997-10-22 NUMBER OF SEQ ID NOS: 13
                                              APPLICANT: Ganetzky, Barry S.
APPLICANT: Titus, Steven A.
TITLE OF INVENTION: Polynucleotides Encoding Herg-3
FILE REFERENCE: 960296.94550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF Interleukin-15 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: RTS-002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA .
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: DNA
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les 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (312) 474-0448
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                                                                                                                                                                                                                                                                   4701 CCAGCTTCAGTGACACAA 4718
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Pred. No. 1.3e
0; Mismatches
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Pred. No. 1.3e+03;
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                                                      Matches
                                                                  Query Match
Best Local :
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                           TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 0
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                                                                                                                                                                                                                                                                                           FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/60/017,824
FILING DATE: 17-MAY-1996
                                                                                                                                                                                              SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/05573
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 02109-1807
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
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ADDRESSEE: Banner & Witcoff,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 16-MAY CLASSIFICATION: 43:
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                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Boston
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                          3919 CGACGCCGCGGCCGCCGC 3936
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18
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CGCCGCCGTCGCCGCCGC
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                                                                                                                                                                               18 bases
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                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         IBM PC compatible
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16-MAY-1997
                                                                                                                         other nucleic acid
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Pred. No. 1.
                                                                  Score 13.2;
Pred. No. 1
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                                                      Mismatches
                                                                    .3e+03
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                                                                                Length 18
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                                                    Gaps
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RESULT 2034

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US-09-161-244-41
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patent No. 6004814
GENERAL INFORMATION:
APPLICANT: Bennett, C
APPLICANT: Cowsert, I
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                                                                                           GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: COWSETT, LEX M.
TITLE OF INVENTION: ANTISENSE MODULATION OF CD71 EXPRESSION
FILE REFERENCE: RTS-0007
CURRENT APPLICATION NUMBER: US/09/161,244
CURRENT FILING DATE: 1998-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 91
SEQ ID NO 29
LENGTH: 18
                                                             NUMBER OF SEQ ID NOS:
SEQ ID NO 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 74
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Lex M. C
                                                                                                                                                                                                                  Sequence 41, Application US/09161244 Patent No. 6004814
                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity
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Best Local S
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CURRENT APPLICATION NUMBER: US/09/161,244
CURRENT FILING DATE: 1998-09-25
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CURRENT FILING DATE: 1999-02-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: ANTISENSE MODULATION OF CD71 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION FILE REFERENCE: RTS-0056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
            ORGANISM: Artificial Sequence
                              TYPE: DNA
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FEATURE:
                                               ENGTH: 18
                                                                                                                                                                                                                                                                                                                                              1981 TGGTGCTGGCCAAGCCTG 1998
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Lex M.
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Pred. No. 1.
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Pred. No. 1.
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RESULT 2038
US-09-205-921-12
; Sequence 12, Application US/09205921A
; Patent No. 6008048
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US-09-106-038A-66
; Sequence 66, Application US/09106038A
; Patent No. 6007995
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                                                                                                                                                                                                                                                                                                                                                                                          US-09-106-038A-66
            GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: ex M. COWBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
FILE REFERENCE: RTS-0028
CURRENT APPLICATION UNMBER: US/09/205,921A
CURRENT FILING DATE: 1998-12-04
                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 83.3
Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
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MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: LAUREI Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 18
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NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: AN TITLE OF INVENTION: EX NUMBER OF SEQUENCES: 9 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: singl
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Isis Pharmaceuticals, Inc
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ANTISENSE MODULATION
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                                                                                                                                                                                                                                                                                                                                   Score 13.2; DB 1
Pred. No. 1.3e+03
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Pred. No. 1.3e+03;
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RESULT 2040
US-08-970-740-8/c
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US-09-255-888-36/c
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GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. COWBERT

TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD4 EXPRESSION
FILE REFERENCE: RTS-0041

FULE REFERENCE: RTS-0041

CURRENT APPLICATION NUMBER: US/09/255,888

CURRENT FILING DATE: 1999-02-23

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 36

LENGTH: 18

TYPE: NA
                                                                                                                                                                                                                                                                                                                                Sequence 8, Application US/08970740
Patent No. 6015670
GENERAL INFORMATION:
APPLICANT: GOOGGELLOW, P.N.
TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
TITLE OF INVENTION: GENE OF INTEREST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 15; Conserv
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LENGTH: 18
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Best Local 9
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                   COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,740
FILING DATE: 14-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/857,946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
                                                                                                                                                                                                 ZIP: 02109
                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                  CITY: Boston
                                                                                                                                                                                                                                                                    STREET:
     FILING DATE:
                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1623 GAATATGTTTTTGCTGAC 1640
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                                                                                                                                                                                                                                                                  28 State Street,
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State Street, 28th Floor
UMHER: 08/857,946
16-МАҮ-1997
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Pred. No. 1.3e+03;
0; Mismatches 3;
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Pred. No. 1.3e+03;
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                                                                                                                                                                                                                                                                RESULT 2042
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US-09-161-443-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                        Sequence 38, Appli
Patent No. 6025127
                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.3%;
Best Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 8
LENGTH: 18
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                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Sidran
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION FILE REFERENCE: RTS-0011
CURRENT APPLICATION NUMBER: US/09/161,443A
CURRENT FILING DATE: 1998-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-227-7111
TELEFAX: 617-227-4399
TRLEFAX: 617-227-4399
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                    APPLICANT: Sidransky, David
TITLE OF INVENTION: HUCLEIC ACID MUTATION DETECTION IN
TITLE OF INVENTION: HISTOLOGIC TISSUE
NUMBER OF SEQUENCES: 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                  CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                             STREET: 1880 Cent:
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/59829
              COUNTRY:
                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH:
                                                                                                                                                                                                                                                                                                                                                  1048 ATCTTAAGGCCATCCAAG 1065
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90067
                                                                                                                                                                                                                                                                                                                   ATCTTAATGACATTCAAG
                                                                                                                                                                                                                            Application US/08181664
                                                               B: Spensley Horn Jubas & Lubitz
1880 Century Park East, Suite 500
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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RESULT 2044
US-08-757-024-835/c
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                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-09-339-964-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 2043
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                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/339,964
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 20
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                               Patent No. 6025198
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
FILE REFERENCE: RTS-0065
                                                                                                                                                  Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 20, Application US/09339964 Patent No. 6025198
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REFERENCE/DOCKET NUMBER: 97-3055
TELECOMMUNICATION INFORMATION: TELEPHONE: (619) 455-5100
TELEPAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 38:
                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
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COMPUTER: IB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS; single
                                                                                                                                                Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
                                                                                       2646 ACTTCCCAGTTTGTCTCC 2663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3239 CATCAACCCCAACTACAT 3256
                                                                   18 ACCTCCCAGTTCATCTCC 1
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                                                                                                                                 1 Similarity
15; Conserv
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                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   83.3%;
                                                                                                                                                83.3%;
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                                                                                                                                 Score 13.2; DB 1;
Pred. No. 1.3e+03;
0; Mismatches 3
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Pred. No. 1.3e+03;
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                                                                                                                                                                 DB 1;
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Sequence 835, Application US/08757024
Patent No. 6025339
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TRE

METHOD OF TREATMENT FOR ASTHMA

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US-08-464-410A-18/c
; Sequence 18, Application US/08464410A
; Patent No. 6037119
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; MOLECULE TYPE:
US-08-757-024-835
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Best Local Similarity
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/757.024
FILING DATE:
             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                               APPLICANT: Kadlecek, Ann
APPLICANT: Loughney, Kate
APPLICANT: McAllister-Lucas, Linda M.
APPLICANT: Sonnenburg, William K.
APPLICANT: Thomas, Melissa K.
TITLE OF INVENTION: Cyclic GMP-Binding, Cyclic GMP-Specific
TITLE OF INVENTION: Phosphodiesterase Materials and Methods
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
APPLICANT:
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NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
TELECOMMUNICATION INFORMATION:
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: >1.
TELEFAX: 575102
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CITY: Chicago
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COUNTRY: USA
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                                                                                                                          COUNTRY:
                                                                                                                                                                             ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
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                                                                                                          60606
                                                                                                                                             Illinois
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                                                                                                                                                                                                                                                                                                                                                                                                                        Corbin, Jackie D.
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83.3%; Pred. No. 1
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                                                                                                                                                                                                             US-09-255-912-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD2 EXPRESSION
FILE REFERENCE: RTS-0044
CURRENT APPLICATION NUMBER: US/09/255,912
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 12
LENGTH: 18
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Best Local Similarity
Matches 15; Conserv
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 29
LENGTH: 18
                                                                               Sequence 29, Application US/09255912
Patent No. 6037142
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 12, App. Patent No. 60371
                                                  CURRENT APPLICATION NUMBER: US/09/255,912 CURRENT FILING DATE: 1999-02-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: NO. 603719and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/32705
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: 1:
MOLECULE TYPE:
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TELEFAX: 25-3856
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                                                                                                                                                                                                                                                                                                                  1191 CTCCCATCCCTGGAGTCT 1208
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                                                                                                                                                                                                                                                                                                                                                     0.3%; Score 13.2; DB 1; Length 18; 83.3%; Pred. No. 1.3e+03; tive 0; Mismatches 3; Indels
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Pred. No. 1.3e+03
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                                                                                                       SMAD2
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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                          US-09-256-465-43/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Antisense Oligonucleotide US-09-344-520-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-344-520-29/c
                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide US-09-256-465-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 29, Application US/09344520
Patent No. 6037176
GENERAL INFORMATION:
APPLICANT: Frank Bennett
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF integrin beta 3
FILE REFERENCE: RTS-0070
CURRENT APPLICATION NUMBER: US/09/344,520
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                         GENERAL INFORMATION:

APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert

TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-2 EXPRESSION
FILE REFERENCE: RTS-0035
CURRENT APPLICATION UMBER: US/09/256,465
CURRENT FILING DATE: 1999-02-23
                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                          Sequence 43, Application US/09256465 Patent No. 6043090
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LENGTH: 18
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Best Local Similarity '83.3%;
Matches 15; Conservative
                                                                Matches
                                                                                                                                                                                                                            SEQ ID NO 43
                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                             FEATURE:
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                              2914 TCCTCATCAGCATCAAGT 2931
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                                                                Conservative
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                                                                             83.3%;
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83.3%;
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                                                                             Score 13.2;
Pred. No. 1
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Pred. No. 1
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Pred. No. 1.
                                                                Mismatches
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                                                                Indels
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-579-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 2051
US-08-850-613A-5/c
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APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/08850613A Patent No. 6063568
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SEQ ID NO 45
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Best Local (
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Patent No. 6054316
                                                                                                                                                                 APPLICATION NUMBER: US/08/850,61
FILING DATE: 2 May 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA: 60/016,710
APPLICATION NUMBER: 60/016,710
FILING DATE: 2 May 1996
ATTORNEY/AGENT INFORMATION:
NAME: Julie L. Bernard
REGISTRATION NUMBER: 36,450
REFERENCE/DOCKET NUMBER: IAD-3
                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/344,579
CURRENT FILING DATE: 1999-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION FILE REFERENCE: RTS-0063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: John C. Gerdes
APPLICANT: John C. Gerdes
APPLICANT: Jeffrey M. Marmaro
APPLICANT: Jeffrey M. Marmaro
TITLE OF INVENTION: QUANTITATION OF RNA TRANSCRIPTS
TITLE OF INVENTION: USING GENOMIC DNA AS THE INTERNI
                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch
                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 303 841 7472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Match 0.3%;
Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Parker
STATE: Colorado
              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC Compatible
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COPOLOGY:
                                                      LENGTH:
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linear
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                                                                                                                840 1567
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Pred. No. 1.3e+03;
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; OTHER INFORMATION: AntiBense Oligonucleotide
US-09-339-775-18
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TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I3 EXPRESSION
FILE REFERENCE: RTS-0069
CURRENT APPLICATION NUMBER: US/09/339,775
CURRENT FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 18
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Best Local Similarity
Matches 15; Conserv
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Patent No. 6
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Best Local Similarity 83.3
Matches 15; Conservative
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                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Beck, James J.
TITLE OF INVENTION: Detection of Maize Fungal Pathogens
TITLE OF INVENTION: Using the Polymerase Chain Reaction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 18
                                           ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
TELECOMMUNICATION INFORMATION:
                                                                                                                                PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSE: CIBA-GEIGY Corporation
STREET: 520 White Plains Road, P.O. Box 2005
                               TELEPHONE:
                                                                                                                 FILING DATE:
                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                    COUNTRY:
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                                                                                                                                                                                                                                                                                                                                    USA
               : (919) 541-8587
(919) 541-8689
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ID NO:
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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; Sequence 45, Application US/09143212B
; Patent No. 6077672
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                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide US-09-143-212-45
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                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 45
LENGTH: 18
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LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                               Matches
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Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                             Query Match
Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                              APPLICANT: Brett P. Moni
TITLE OF INVENTION: ANTI
FILE REFERENCE: RTS-0005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/143,212B CURRENT FILING DATE: 1998-08-28 NUMBER OF SEQ ID NOS: 87
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: RTS-0005
                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "primer JB626"
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TYPE: nucleic acid
STRANDEDNESS: single
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                               3923 GCCGCGGCCGCCGCTGCC 3940
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18
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GCCGCCGCCGCCACC
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                                                               Conservative
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Pred. No. 1.3e+03;
0; Mismatches 3;
                                                                             Score 13.2; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
                                                               Mismatches
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                                                                                             Length 18;
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US-09-143-212-48
                                                                                                                                                                                                                                                                US-09-143-212-70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-09-143-212-69
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                                   Sequence 70, Application US/09143212B
PATENT NO. 6077672
GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
FILE REFERENCE: RTS-0005
CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 70
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 69, Application US/09143212B
Patent NO. 6077672
GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
FILE REFERENCE: RTS-0005
CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
NUMBER OF SEQ ID NOS: 87
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Patent No. 6077672
GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF '
FILE REFERENCE RTS-0005
CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 69
LENGTH: 18
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SEQ ID NO 48
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Best Local Similarity 83.3%;
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ORGANISM: Artificial Sequence
                      TYPE: DNA
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nes 15; Conserv
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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US-09-351-215-10/c
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APPLICANT: Ganetzky, Barry S.
APPLICANT: Titus, Steven A.
TITLE OF INVENTION: Polynucleotides Encoding Herg-3
FILE REFERENCE: 560296.94550
CURRENT APPLICATION NUMBER: US/09/351,215
CURRENT PILING DATE: 1999-07-12
EARLIER APPLICATION NUMBER: 08/956,242
                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/344,521
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 9
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EARLIER FILING DATE: 1997-10-22
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10
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                                                                                                                                                                                                                                                                                                                                        Sequence 9, Application US/09344521 Patent No. 6100090
                                                                      Query Match
Best Local :
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Best Local :
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                           FEATURE:
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                           334 GTTTCCTTTCCCTCACTG 351
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15; Conserva
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GCTTCCTGTCCATCACTG
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Pred. No. 1.3e
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                                                                     Score 13.2; DB 1
Pred. No. 1.3e+03
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Pred. No. 1
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-142
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US-09-280-409-142
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                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Hendricks, Glenna
REGISTRATION NUMBER: 32,535
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 619-2065
TELEPHONE: (301) 619-7714
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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SEQ ID NO 142
LENGTH: 18
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Best Local Similarity
Matches 15; Conserv
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Patent No. 6107092
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APPLICANT: Bert W. O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
FILE REFERENCE: RTG-0048
CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
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                      MOLECULE TYPE:
HYPOTHETICAL:
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TITLE OF INVENTION:
TITLE OF INVENTION:
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CITY: Fort Detrick
STATE: MD
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                                                                                                 TOPOLOGY:
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nucleic acid
NDEDNESS: single
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U.S. Army, 50
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Pred. No. 1.
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                                                                                                                             US-09-289-466-50
                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 2064
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 2063
                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 86
SEQ ID NO 50
LENGTH: 18
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/289,466A CURRENT FILING DATE: 1999-04-09 NUMBER OF SEQ ID NOS: 86
SEQ ID NO 32
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 32, Applicat Patent No. 6124272 GENERAL INFORMATION:
                                                            Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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Best Local
                                                                                                                                                                                                                                                          FILE REFERENCE: RTS-0060
CURRENT APPLICATION NUMBER: US/09/289,466A
CURRENT FILING DATE: 1999-04-09
                                                                                                                                                                                                                                                                                                       APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1
FILE REFERENCE: RTS-0060
                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                           OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                             TYPE: DNA
               4369 TCTGAAGAAAGGAACTGC 4386
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TCTGGAGAAACGTACTGC
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                                                                              Score 13.2; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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                                                                                            Length 18;
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RESULT 2065
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Patent No. 6159697
GENERAL INFORMATION:
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Best Local Similarity
 Query Match
                                                                                                                                 SEQ ID NO 26
LENGTH: 18
                                                                                                                                                                                                                    APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0133
                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/487,444
CURRENT FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO:
                                                      OTHER INFORMATION: Antisense Oligonucleotide
                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: 1: MOLECULE TYPE:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 27-MAY-19
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
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APPLICANT: Wright, Peter E.
TITLE OF INVENTION: ZINC FINGER PROTEIN I
TITLE OF INVENTION: AND METHODS THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Haile, Lisa A., Ph.D.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 08401/010001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/676,318
FILING DATE: 18-JUL-1996
APPLICATION NUMBER: 08/183,119
FILING DATE: 18-JAN-1996
APPLICATION NUMBER: US95/00829
FILING DATE: 18-JAN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: Windows 95
SOFTWARE: FastSEQ for Windows Version 2.0b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible OPERATING SYSTEM: Window
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83.3%;
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 Score 13.2;
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Pred. No. 1.3e+03;
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Length 18;
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US-08-937-063-11/c
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; NAME/KEY: primer bind

OTHER INFORMATION: PAX3/7 consensus primer used to amplify a 219 bp fragment

; OTHER INFORMATION: for Pax3-FKHR and a 206 bp fragment for Pax7-FKHR

US-09-193-792-14
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CURRENT FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: US 60/065,113
PRIOR FILING DATE: 1997-11-18
NUMBER OF SEQ ID NOS: 20
SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 11,
Patent No. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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Matches 15; Conservative
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TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REFERENCE: D601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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                                                                                                                                                                                          ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                               STREET: LEXINGTON
CITY: LEXINGTON
CTATE: MASSACHUSETTS
'MATTED STATE'
                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARB: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/937,063
FILING DATE: 24-SEP-1997
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: STROM, TERRY B.
APPLICANT: VASCONCELLOS, LAURO
APPLICANT: SUTHANTHIRAN, MANIKKAM
TITLE OF INVENTION: METHODS OF EVALUATING TRANSPLANT
TITLE OF INVENTION: REJECTION
ATTORNEY/AGENT INFORMATION:
NAME: GRANAHAN, PATRICIA
REGISTRATION NUMBER: 32,;
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH: 18
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                                                                       CLASSIFICATION:
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                                                                                                                                                                                                                                                         UNITED STATES
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and Uses Thereof
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BIDMC97-01
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Pred. No. 1
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0; Mismatches 3;
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US-09-398-539A-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-071-433-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-071-433-45
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cowsert, Lex M
APPLICANT: Cowsert, Lex M
TITLE OF INVENTION: Antisense Modulation of CD40 Expression
FILE REFERENCE: RTS-0002
CURRENT APPLICATION NUMBER: US/09/071,433A
CURRENT FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 45
LENGTH: 18
                                                                                                                                                                                                                                                                                                                               Sequence 5, Application US/09398539A Patent No. 6258543 GENERAL INFORMATION:
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Best Local :
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Patent No. 6197584
                                                                         SEQ ID NO 5
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APPLICANT: Marmaro, Jeffrey
TITLE OF INVENTION: QUANTITATION OF RNA TRANSCRIPTS USING GENOMIC DNA AS THE
TITLE OF INVENTION: AMPLIFICATION COMPETITOR
FILE REFERENCE: 80148.0210.002
CURRENT APPLICATION NUMBER: US/09/398,539A
CURRENT FILING DATE: 1999-09-17
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                             PRIOR FILING DATE: 1997-05-02
                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/016,710 PRIOR FILING DATE: 1996-05-02
                                                                                            SOFTWARE:
                                                                                                               NUMBER OF SEQ ID NOS:
                                                                                                                                                  PRIOR APPLICATION NUMBER: 08/850,613
                   ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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Local Similarity 83.3%;
nes 15; Conservative
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TYPE: nucleic acid
STRANDEDNESS: single
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Pred. No. 1
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Pred. No. 1.3e+03;
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; OTHER INFORMATION: Synthetic Sequence
US-09-202-316-21
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SOFTWARE: Fai
SEQ ID NO 21
FONGTH: 18
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                                                                                                                                                                                        SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 8, Application US/08864641B Patent No. 6312684
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Best Local Similarity
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                                                                                                                                                                                                                                                               APPLICANT: Baserga, Renato
APPLICANT: Abraham, David
APPLICANT: Resnicoff, Mariana
APPLICANT: Resnicoff, Mariana
TITLE OF INVENTION: Method Of Inducing Resistance To Tumor Growth
FILE REFERENCE: TJU2137
CURRENT APPLICATION NUMBER: US/08/864,641B
CURRENT FILING DATE: 1997-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 08/340,732
PRIOR FILING DATE: 1994-11-16
NUMBER OF SEQ ID NOS: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 19
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1997-
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CURRENT FILING DATE: 1999-06-01
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TITLE OF INVENTION: Genes
FILE REFERENCE: Rut-96-06041
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                          FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: No. 6312684el Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                             TYPE: DNA
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Similarity 83.3%;
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Sumita Chaudhuri
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83.3%;
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                                Score 13.2; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.
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; ORGANISM: homo sapien
US-09-218-979-26
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US-09-218-979-26
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Best Local Similarity
                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/750,088A
FILING DATE: 21-FEB-1997
CLASSIFICATION:
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APPLICANT: Michael E. Hogan
TITLE OF INVENTION: Multiplexed molecular analysis apparatus
FILE REFERENCE: 07762-002003
CURRENT APPLICATION NUMBER: US/09/218,979
CURRENT FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 09/002,170
PRIOR PILING DATE: 1997-12-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. STREET: 1100 NEW YORK AVENUE, SUITE 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH:
                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: GOLDSTEIN, JORGE A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 16
                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: US
ZIP: 20005-3934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: WASHINGTON STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4724 TTTAGCTAAAGTCCCGCG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/09218979
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                                                                                                                                                  1657.0010000
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Pred. No. 1.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Version #1.30
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RESULT 2076
US-08-584-040-6211/c
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US-09-496-694B-125
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APPLICANT: C. Frank I
APPLICANT: Elizabeth
APPLICANT: Eric E. (
APPLICANT: Lex M. Co
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TYPE: nucleic acid
                                                                                                                                                                                                                                                     Sequence 6211, Application US/08584040 Patent No. 6346398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 249
SEQ ID NO 125
LENGTH: 18
TYPE: DNA
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Best Local Similarity
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Best Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Lex M. Cowsert TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION FILE REFERENCE: ISPH-0439
                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                               APPLICANT: ESCODEDO, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
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                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                     APPLICANT:
                                                                    NUMBER OF SEQUENCES:
STREET:
                                                                                                                                                                                                                                                                                                                                                                                           2720 TGCCACATTGAAGACCAA 2737
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Eric E. Swayze
Suite 4700
                 E: Lyon & Lyon
633 West Fifth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/09496694B
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                                                                                                                                                                McSwiggen, James
Stinchcomb, Dan T.
Escobedo, Jaime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Frank Bennett
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                                                                    8502
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Pred. No. 1
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Pred. No. 1.3e+03
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US-08-584-040-6211
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Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6275, Application US/08584040 Patent No. 6346398
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
              SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILLING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Word Perfect CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                             COMPUTER: 150.

COMPUTER: 150.

OPERATING SYSTEM: IBM r..

OPERATING SYSTEM: IBM r..

OPERATING SYSTEM: IBM r..

OPERATING SYSTEM: IBM r..

OPERATING SYSTEM: IBM r...
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STREET:
CITY: Lo
                                                                                                                                                                                                  STATE:
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: Januar
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                                                                                                                                                                             COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION:
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                                                                                                                                                                                            ET: Suite 4700
Los Angeles
E: California
                                                                                                                                                               90071-2066
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nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                            INVENTION:
                                                                                                                                                                                                                                                    E: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                           MCSwiggen, James
Stinchcomb, Dan T.
Escobedo, Jaime
VENTION: METHOD AND REAGENT FOR THE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SYSTEM: IBM P.C. Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pavco, Pamela
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linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             January 11, 1996
January 11, 1996
                                                                                                                                                                                                                                                                                                                                       TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL
                                                                                                                                                                                                                                                                                                                          GROWTH FACTOR
                                                                      IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                       8502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US/08/584,040
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Pred. No. 1.3e+03;
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Best Local Similarity
Thes 15; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 8292, App. Patent No. 6346398
                                                          OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
AFTORNEY/AGENT INFORMATION:
NAME: WAISDURG, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: October 26, ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                          TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 633 West F
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                        90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                          Los Angeles
: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                         3: Lyon & Lyon
633 West Fifth Street
                               (213) 489-1600
(213) 955-0440
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                                   Matches
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Best Local
                                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION NUMBER: US/08/584,040
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -08-584-040-8369
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APPLICANT: Pavco, Pamela
                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
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COMPUTER: 15.1
OPERATING SYSTEM: 15.1
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OPERATING SYSTEM: 15.1
OPERATING SYSTEM: 15.1
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Local Similarity 61.1%;
hes 11; Conservative
                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                 Local Similarity
mes 11; Conserv
                                                                                                                                                                                                                                                                                            NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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 84 TTCTTCAGAAGTGGCCAC 101
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                                                                                                                                                                       18 base pairs
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VENTION: METHOD AND REAGENT FOR THE
VENTION: TREATMENT OF DISEASES OR
VENTION: CONDITIONS RELATED TO LEVELS
VENTION: OF VASCULAR ENDOTHELIAL
                                   Conservative
                                                                                                                                                                                                                                           (213) 955-0440
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Stinchcomb, Dan T.
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; Pred. No. 1.3e-
4; Mismatches
                                4; Mismatches
                                                  Score 13.2; DB 1;
Pred. No. 1.3e+03;
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.3e+03;
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                                                                      Matches
                                                                                  Query Match 0.3%;
Best Local Similarity 83.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 567,
                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/679,64)
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Wartburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32/327
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
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TITLE OF IN
TITLE OF IN
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                    TELEPHONE: (213) 955-0440
                                                                                                                                                                       LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                                            TOPOLOGY:
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                                 3920 GACGCCGCCGCCGCCT 3937
18 GTCGCCGAGGCCGCCGGT 1
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: California
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                                                                                                                                                                                                                                                                  67-3510
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                                                                    Conservative
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Edington, Brent E.
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                                                                                                                                                         linear
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                                                                                  Score 13.2;
Pred. No. 1
                                                                      Mismatches
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                                                                                                 Length 18;
                                                                    Indels
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RESULT 2081 US-08-679-645-1169

Sequence 1169, Application US/08679645

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RESULT 2082
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                                                      Sequence 103, Application US/09019793A
Patent No. 6380376
GENERAL INFORMATION:
APPLICANT: PAUL, Prem
APPLICANT: MENG, Xiang-Jin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
APPLICANT: MOROZOV, Igor
APPLICANT: HALBUR, Patrick
TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Young, S
APPLICANT: Folkerts
APPLICANT: Merlo, D
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/0
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                        / Match 0.3%;
Local Similarity 83.3%;
les 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (213) 489-160
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                   3922 ceccececceccecrec 3939
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: California
                                                                                                                                                                                                                                                                                                                                                                                                                               i: 18 base pairs
nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   67-3510
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Skokut, Thomas A.
Young, Scott A.
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                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (213) 489-1600
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Pred. No. 1.3e+03;
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                                                                                                                                                                                                                                                                                                                                             DB 1;
                                                                                                                                                                                                                                                                                                                                           Length 18;
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US-09-305-856B-45
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US-09-268-544B-14
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CURRENT FILING DATE: 1999-03-11
NUMBER OF SEQ ID NOS: 43
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 14
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                              Sequence 45, Application US/09305856B Patent No. 6479236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                          GENERAL INFORMATION:
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APPLICANT: van Eyndhoven, Winfried
APPLICANT: van Eyndhoven, Winfried
TITLE OF INVENTION: TRAF-3 Deletion Isoforms And Uses Thereof
FILE REFERENCE: 0575-58732
FILE REFERENCE: 0575-58732
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 14,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)
FILE REFERENCE: 4625-0039-55X CIP
CURRENT APPLICATION NUMBER: US/09/019,793A
CURRENT FILING DATE: 1998-02-06
PRIOR APPLICATION NUMBER: 08/478,316
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: 08/301,435
PRIOR APPLICATION NUMBER: 08/301,435
PRIOR APPLICATION NUMBER: 08/313,625
PRIOR APPLICATION NUMBER: 08/131,625
PRIOR PILING DATE: 1993-10-05
PRIOR PILING DATE: 1993-10-05
PRIOR PILING DATE: 1993-10-30
NUMBER OF SEQ ID NOS: 108
               APPLICANT: Penny, Laura
APPLICANT: Galvin, Margaret
TITLE OF INVENTION: Genotyping the Human
TITLE OF INVENTION: UDP-Glucuronosyltranaferase 1 (UGT1) Gene
FILE REFERENCE: 4389-7 (formerly SEQ-17CIP)
CURRENT FILING DATE: 1999-05-05
PRIOR APPLICATION NUMBER: US/09/305,856B
CURRENT FILING DATE: 1999-05-05
PRIOR APPLICATION NUMBER: 60/084,807
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
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MBER: 60/084,807
1998-05-07
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83.3%; Pred. No. 1.3e+03;
tive 0; Mismatches 3;
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Pred. No. 1.3e+03;
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-305-856B-45
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US-09-679-427-26
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US-09-305-856B-75
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SEQ ID NO 75
LENGTH: 18
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Best Local Similarity
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Best Local Similarity
Matches 15; Conserv
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SOFTWARE: FastSEQ for
SEQ ID NO 45
LENGTH: 18
                                                  SOFTWARE: Fa
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                                                                                                   APPLICANT: William J. Balch
APPLICANT: William J. Balch
TITLE OF INVENTION: Multiplexed molecular analysis apparatus
FILE REFERENCE: 07762-002003
CURRENT APPLICATION NUMBER: US/09/679,427
CURRENT FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 09/218,979
PRIOR APPLICATION NUMBER: 09/218,979
PRIOR APPLICATION NUMBER: 09/218,979
PRIOR APPLICATION NUMBER: 09/002,170
PRIOR FILING DATE: 1998-12-23
PRIOR FILING DATE: 1998-12-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Galvin, Margaret
TITLE OF INVENTION: Genotyping the Human
TITLE OF INVENTION: UD-Glucuronosyltransferase 1 (UGT1) Gene
FILE REFERENCE: 4389-7 (formerly SEQ-17CIP)
CURRENT APPLICATION NUMBER: US/09/305,856B
CURRENT FILING DATE: 1999-05-05
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PRIOR FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Penny, Laura APPLICANT: Galvin, Marg
                                                                                     NUMBER OF SEQ ID NOS:
TYPE: DNA
ORGANISM: homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
OTHER INFORMATION: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                  ENGTH: 18
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                                                                      for Windows Version 4.0
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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            RESULT 2089
US-09-832-382-8
; Sequence 8, Application US/09832382
; Patent No. 6506415
; GENERAL INFORMATION:
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RESULT 2087
US-09-920-760-43/c
                                                                                                                      ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-68
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US-09-920-760-68/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-679-427-26
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                                                                                                                                                                                  SEQ ID NO 68.
LENGTH: 18
TYPE: DNA
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                                                                      Query Match
Best Local S
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APPLICANT: Lex M. Cowsert
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LENGTH: 18
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TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
FILE REFERENCE: RTS-0275
CURRENT APPLICATION NUMBER: US/09/920,760
CURRENT FILING DATE: 2001-08-01
                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/920,760
CURRENT FILING DATE: 2001-08-01
                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                        TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION FILE REFERENCE: RTS-0275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                ORGANISM: Artificial Sequence
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                            4076 GTGAAGCCCTCAGTGAGC 4093
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18 GTGATGCCCTGACTGAGC 1
                                                          15; Conserv
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Pred. No. 1.3e
0; Mismatches
                                                          Score 13.2; Di
Pred. No. 1.3e.
0; Mismatches
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Pred. No. 1.3e+03;
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APPLICANT: Renato Baserga, David Abraham,

and Mariana Resnicoff

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                                                                                                                          ; SEQ ID NO 50
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-362-842-50
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                                                    Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 50, Applica Patent No. 6511824 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                             APPLICANT: Buchman et al.

TITLE OF INVENTION: UUCLEIC ACIDS AND POLYPEPTIDES OF INVERTEBRATE TWIK

TITLE OF INVENTION: CHANNELS AND METHODS OF USE

FILE REFERENCE: 7326-104
                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/362,842
CURRENT FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: 09/270,767
PRIOR FILING DATE: 1999-03-17
                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/864,641
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: TJU-213
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
nes 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/832,382
FILING DATE: 11-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3594 CCTAAGCCTGCTCCCAGG 3611
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MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Method of Inducing Resistance to Tumor Growth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
652 GGAATTGCGTTTACACTT
                                                                                                                                                                                                                      PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CCGAGGCCTCCTCCCAGG 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Philadelphia
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                                                                       Score 13.2; DB 1;
Pred. No. 1.3e+03;
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Pred. No. 1.
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                                                        Mismatches
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                                                                                        Length 18;
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
FILE COF INVENTION: Bialielic markers for use in constructing a high density...
FILE COF INVENTION: Blailelic markers for use in constructing a high density...
FILE COF INVENTION: Blailelic markers for use in constructing a high density...
FILE REFERIOR: COSCPI
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4094

**TANCETH: 18
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APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
ITILE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET 020001
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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Query Match
Best Local Sim
Matches 15;
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                                                                                                                                                                                                                                                                  EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4101
LENGTH: 18
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Patent No. 6537751
GENERAL INFORMATION:
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                                                                                                                                            FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
                                                                                                                                                                                                                     ORGANISM: Homo Sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                     LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-13272 for
                                                                                                                                                                                                                                                TYPE: DNA
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  Similarity 83.:
15; Conservative
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                      83.3%;
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Score 13.2; DB 1; Pred. No. 1.3e+03; 0; Mismatches 3
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Pred. No. 1.3e+03;
                                                  DB 1;
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                                               Length 18
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Query Match
Best Local Similarity
Thes 15; Conserva
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US-09-422-978-5139
                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
ITILE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET, 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEC IN NOC. 1176-64-21
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SEQ ID NO 5139
LENGTH: 18
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LENGTH: 18
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EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 11796
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OTHER INFORMATION: upstream amplification primer 99-23302 for SEQ 1360,
                        FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
                                                                                        ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: primer_bind
LOCATION: 1..18
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Pred. No. 1.3e
0; Mismatches
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US-09-422-978-5504/c
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                                                                                      CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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                                                                       SEQ ID NO 5504
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Best Local
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Best Local
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APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US/09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US/09/109,732
EARLIER APPLICATION NUMBER: US/09/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US/09/082,614
EARLIER APPLICATION NUMBER: US/09/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                        APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cohen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1.18
OTHER INFORMATION: upstream amplification primer 99-24750 for SEQ 1455,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 11796
           TYPE: DNA ORGANISM: Homo Sapiens
FEATURE:
                                                 LENGTH:
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Pred. No. 1
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Pred. No. 1.3e+03;
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NAME/KEY: primer\_bind LOCATION: 1..18

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APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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Best Local Similarity
"hes 15; Conserva
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TITLE OF INVENTION: Biallelic markers for use in FILE REFERENCE: GENSE: 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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US-09-422-978-7019/c
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, LOCATION: 1..18
, OTHER INFORMATION: upstream amplification primer 99-22567 for SEQ 3085,
US-09-422-978-7019
                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-422-978-8685/c
                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 8685, Application US/09422978 Patent No. 6537751
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LENGTH: 18
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                                                        SEQ ID NO 8685
                                                                               NUMBER OF SEQ ID NOS: 11796
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APPLICANT: Blumenfeld, Marta
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ORGANISM: Homo Sapiens
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83.3%;
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Pred. No. 1
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                  in constructing a high density...
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TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-17557 for SEQ 820,
US-09-422-978-8685
                                                                                                                                                                                                                                                                                                        RESULT 2100
US-09-422-978-10946/c
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US-09-422-978-9386
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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Best Local
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LENGTH: 18
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Best Local Similarity
                                                                                                                                                               APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF THE TON: Biallelic markers for use in constructing a high density...
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NAME/KEY: primer_bind
LOCATION: 1..18
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Pred. No. 1.
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Pred. No. 1
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SEQ ID NO 10946

NUMBER OF SEQ ID NOS:

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                                                                                                                                                                                                                                                       US-08-780-562-16
                                                                                                                                                                                                                                                                            RESULT 2102
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; OTHER INFORMATION: antisense oligonucleotide
US-09-374-712A-8
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PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: 60/113,599
PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ ID NOS: 14
SEQ ID NO 8
LENGTH: 18
                                                                                                                                                                                                                        Sequence 16, Application US/08780562 Patent No. 6541604
                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local Similarity
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                                                                                                                                                                                                        GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/374,712A
CURRENT FILING DATE: 1999-08-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Treatment Of Tumors With Oligonucleotides Directed To Insulin-Li
TITLE OF INVENTION: Factor-I Receptor (IGF-IR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Andrews, David W. APPLICANT: Baserga, Renato
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ORGANISM: Artificial Sequence
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                                                                                                                                                 APPLICANT: Matthews, William APPLICANT: Bennett, Brian TITLE OF INVENTION: WSX RECEPTOR
                                                                                                                  NUMBER OF SEQUENCES:
COMPUTER READABLE FORM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
les 15; Conserv
                                              STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
                              COUNTRY:
                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                             3594 ССТААСССТССТСССАСС 3611
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Resnicoff, Mariana
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                                                                                                Genentech, Inc.
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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US-09-060-299-321/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 321,
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                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION: APPLICANT: Todd,
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TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO:
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APPLICATION NUMBER: 08/58
FILING DATE: 01/08/97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/
FILING DATE: 01/08/97
                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FOR PC-DOS/MS-DOS
COERRATING SYSTEM: PC-DOS/MS-DOS
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 01/08/97
ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION DATA
                                                               SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO) CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                              TITLE OF INVENTION: NUMBER OF SEQUENCES:
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                              ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local
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STRANDEDNESS: Single
                              APPLICATION NUMBER: FILING DATE: 15-APR
                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Lee, Wendy M. REGISTRATION NUMBER:
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CLASSIFICATION:
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               CLASSIFICATION:
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6545137
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: US
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                                                                                                                                                                                                                                                                          Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
MENTION: No. 6545137el Receptor
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Hammond, Holly
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Hess, John W
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                              15-APR-1998
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                                              US/09/060,299
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Pred. No. 1.
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APPLICATION NUMBER:

US 60/043,553

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US-09-402-923A-321/c
; Sequence 321, Application US/09402923A
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Best Local Similarity
Matches 15; Conserv
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GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 62
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
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                                                                                       APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
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STRANDEDNESS: sing
TOPOLOGY: linear
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APPLICATION NUMBER:
FILING DATE: 05-JU
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ATTORNEY/AGENT INFORMATION:
NAME: B.J.SAGOff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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COUNTRY: US
ZIP: VA 22201-4714
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Merriman, Tony R
Metzker, Michael L
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Hammond, Holly
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John W
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Pred. No. 1.3e+03;
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US-09-371-772B-3033/c
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US-09-371-772B-2973/c
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                                                                                                                                                                                                                                                                                                           Sequence 3033, Application US/09371772B Patent No. 6566127 GENERAL INFORMATION:
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Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local (
APPLICANT: PAYCO, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MehBo0, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE REPERENCE: MBHB00, 876-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1996-01-09
NUMBER: OS 58Q ID NOS: 14225
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                                                                                                                                                                                                                                                                                 APPLICANT: Ribozyme Pharmaceuticals, Inc
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SEQUENCE CHARACTERISTICS:
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TYPE: nucleic acid
STRANDEDNESS: single
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ilarity 83.3%;
Conservative (
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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; ORGANISM: Mus sp.
US-09-371-772B-3950
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                                                                                                                                                                                                                                                                                                                                                                    RESULT 2108
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                                                                                                                                                                                                                                                                                    Sequence 4025, Applia Patent No. 6566127 GENERAL INFORMATION:
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Best Local Similarity
Matches 11; Conserv
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NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3033
LENGTH: 18
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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Bscobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH900,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1996-01-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-01-08
PRIOR FILING DATE: 1995-01-08
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
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les 15; Conserv
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Stinchcomb, Dan
Escobedo, Jaime
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Pred. No. 1.3e+03;
4; Mismatches 3
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Pred. No. 1
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APPLICANT: JANNES, GEERT
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: Oligonuclectide Molecules for Use in
TITLE OF INVENTION: Antibiotic Resistance
FILE REFERENCE: 1657.0010001
CURRENT APPLICATION NUMBER: US/09/722,319
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US 08/750,088
PRIOR APPLICATION NUMBER: US 08/750,088
PRIOR FILING DATE: 1996-12-06
PRIOR FILING DATE: 1995-06-09
PRIOR FILING DATE: 1995-06-09
PRIOR FILING DATE: 1994-06-09
NUMBER OF SEQ ID NOS: 73
SOFTWARE: Patentin version 3.1
SEQ ID NO 25
LENGTH: 18
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US-09-371-772B-4025
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APPLICANT: Russell, Stephen
APPLICANT: Kay Whye, Peng
TITLE OF INVENTION: System for Monitoring the Location of Invention: Transgenes
FILE REFERENCE: 07039-295001
CURRENT APPLICATION NUMBER: US/09/640,198D
CURRENT FILING DATE: 2000-08-16
PRIOR APPLICATION NUMBER: US 60/149,168
PRIOR FILING DATE: 1999-08-17
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SOFTWARE: PatentIn version 3.0
SEQ'ID NO 4025
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Best Local Similarity
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APPLICANT: PORTAELS, FRANCOI
APPLICANT: MACHTELINCKX, LIEV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
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TYPE: DNA
ORGANISM: Homo Sapiens
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Pred. No. 1.3e
0; Mismatches
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Pred. No. 1.3e+03
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US-09-639-667-18
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APPLICANT: McConlogue, Lisa C
APPLICANT: Games, Kate D.
APPLICANT: Yednock, Theodore A.
APPLICANT: Hua, Tan
APPLICANT: Messersmith, Elizabe
                                                                                           NUMBER OF SEQ ID NOS: 85
SOFTWARE: PatentIn version 3.1
SEQ ID NO 29
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 18
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Best Local Similarity 83...
Matches 15; Conservative
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APPLICANT: Russell, Stephen James
APPLICANT: Peng, Kah Whye
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Patent No. 6632800
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                        APPLICANT: Bard, Frederique
TITLE OF INVENTION: SCREENING MARKERS AND METHODS FOR NEURODEGENERATIVE DISORDERS
FILE REFERENCE: 015270-009110US
CURRENT APPLICATION NUMBER: US/09/823,549
CURRENT FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: US 60/193,847
PRIOR FILING DATE: 2000-03-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: SYSTEM FOR MONITORING THE EXPRESSION TITLE OF INVENTION: TRANSGENES FILE REFERENCE: 07039-292001 CURRENT APPLICATION NUMBER: US/09/639,667 CURRENT FILING DATE: 2001-06-04 PRIOR APPLICATION NUMBER: 60/149,168 PRIOR APPLICATION NUMBER: 60/149,168 PRIOR PILING DATE: 1999-08-17
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Probe
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ORGANISM: Unknown
                                   ORGANISM: Artificial Sequence
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                    FEATURE:
OTHER INFORMATION: R.GFAP-2165R reverse primer
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Pred. No. 1.3e+03;
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APPLICANT: English, Denis
APPLICANT: Kovacs, Richard J.
APPLICANT: Rizzo, Maria T.
APPLICANT: Rizzo, Maria T.
APPLICANT: Sliva, Daniel T.
ITILE OF INVENTION: Sphingolipid Compositions and FILE REFERENCE: 7042-119
CURRENT APPLICATION NUMBER: US/10/037,616
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US 60/243,887
PRIOR FILING DATE: 2000-10-27
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.1
SEQ ID NO 17
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 2114
US-09-856-662-6
                                                                   ; OTHER INFORMATION: Description of Artificial Sequence: DNA probe A240T US-09-856-662-6
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US-10-037-616-17
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                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: WORIBE, TOYOKİ et al.
APPLICANT: WORIBE, TOYOKİ et al.
TITLE OF INVENTION: Method for typing HLA class 1
FILE REFERENCE: 0032-0361P
CURRENT APPLICATION NUMBER: US/09/856,662
CURRENT FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: JP P1998-335151
PRIOR FILING DATE: 1998-11-26
NUMBER OF SEQ ID NOS: 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 6
                  Query Match 0.3%;
Best Local Similarity 83.3%;
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                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/09856662 Patent No. 6790616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 67306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 17,
                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial sequence FEATURE:
                                                                                                                                                                  LENGTH: 18
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 Conservative
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Pred. No. 1.
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Pred. No. 1.
                  Score 13.2; DB 1; Length 18; Pred. No. 1.3e+03;
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PCT-USy2.

Sequence 2, App.

Sequence 2, App.

GENERAL INFORMATION:

APPLICANT: ROSENBERG, ROBEK: ,

APPLICANT: SIMONS, MICHAEL

APPLICANT: EDELMAN, ELAZER

APPLICANT: LANGER, ROBERT S

APPLICANT: DEKEYSER, JEAN-LUC

COCALIZED OLIGONUCLEOTIDE THERAPY

CANT. DEKEYSER, JEAN-LUC

COCALIZED OLIGONUCLEOTIDE THERAPY
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Best Local Similarity
Thes 15; Conserve
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; Sequence 62, Application US/09500700
; Patent No. 6790941
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PRIOR FILING DATE: 1995-01-18
PRIOR APPLICATION NUMBER: US 08/312,604
PRIOR FILING DATE: 1994-09-28
PRIOR APPLICATION NUMBER: US 08/183,119
PRIOR FILING DATE: 1994-01-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: SCRIP1160-4
CURRENT APPLICATION NUMBER: US/09/500,700
CURRENT FILING DATE: 2003-01-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 08/676,318 PRIOR FILING DATE: 1996-12-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT FILING DATE: 2003-01-10 PRIOR APPLICATION NUMBER: US 08/863,813 PRIOR FILING DATE: 1997-05-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: WRIGHT, Peter E.
TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Target sequence of six-finger protein Sp1C-C7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UNMER: PCT/US92/00626
FILING DATE: 19921105
                                                                                                                                                                MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA HURWITZ & THIBEAULT
STREET: EXCHANGE PLACE, 53 STATE STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                        CITY: BOSTON
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                                                                                                                                                                                                                              USA
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Pred. No. 1.
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Best Local S
Matches 15
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SPRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,706
FILING DATE: December 31, 1992
ATTORNEY/AGENT INFORMATION:
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NAME: PITCHER ESQ, EDMUND R
NAME: Katz, Martin L.
REGISTRATION UNMBER: 25,011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 2:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Rege, Ajay A.
APPLICANT: Dixon, Richard A.F.
TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: 1..18
OTHER INFORMATION: /star
OTHER INFORMATION: /mote
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                                                                                                                                        CLASSIFICATION:
                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 28-DE
                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Dressler, Goldsmith, Shore & ADDRESSEE: Milnamow, Ltd.
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                                                                                                                                                                                                                                                                                                                                                                     180 North Stetson, Suite 4700
                                                                                                                                                                                                                                                                                                                      USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /standard_name= "ANTISENSE HUMAN NMMHC" /note= "ANTISENSE SEQUENCE TO HUMAN NMMHC"
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                                                                                                                                                                         PCT/US93/12600
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Pred. No. 1.3e
0; Mismatches
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                                                                                                                                                                                                             TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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                                                                Matches
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                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/068,051
FILING DATE: 27-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Noland, Greta E.
                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEPAX: (312) 474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: The Board of Regents of the University of Washington TITLE OF INVENTION: Cyclic GMP-Binding, Cyclic GMP-Specific TITLE OF INVENTION: Phosphodiesterase Materials and Methods
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                                                                                                                                                   MOLECULE TYPE: DNA
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ADDRESSEE: Marshall, O'Toole, Gerstein, Murray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
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CITY: Chicago
STATE: Illinois
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nes 15; Conserv
                                                                                Local Similarity
                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US94/06066 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
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                               2849 TGGTGAGACTCTTCCAAA 2866
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                                                               0,
                                                                                Score 13.2; DB 1; Pred. No. 1.3e+03;
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Pred. No. 1.
                                                                Mismatches
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                                                                                              Length 18;
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RESULT 2119

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GENERAL INFORMATION:
APPLICANT: The Johns Hopkins University School of Medicine APPLICANT: THE JOHNS HOPKINS MUTATION DETECTION BY TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY TITLE OF INVENTION: ANALYSIS OF SPUTUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 26, Application US/08031143B
PATENT NO. 5518880
GENERAL INFORMATION:
APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
APPLICANT: MCGRIDE, O. WESLEY
APPLICANT: MCGRIDE, O. WESLEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUFTWARE: Patentin Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US94/12947A FILING DATE: 10-NOV-1994 CLASSIFICATION: TOTORNEY APPLICATION: APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: APPLICATION: APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: APPLICATION: APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY APPLICATION: TOTORNEY AP
                                                                                                                                                                                                 STREET: 33-C
CITY: NEW YORK
CTATE: NEW YORK
TISA
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IEM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
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NAME: Haile, Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: FD-2:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
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CORRESPONDENCE ADDRESS:
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CITY: Los Angeles
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1880 Century Park East, Suite 500
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Pred. No. 1.
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CURRENT APPLICATION DATA:

APPLICATION NUMBER:

US/08/031,143B

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; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE:
US-08-031-143B-26
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: WORD PERFECT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,381
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                         ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutation
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LENGTH: 19
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REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 20:
TELECOMMUNICATION INFORMATION:
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CORRESPONDENCE ADDRESS:
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TELEFAX: 212-751-6849
TELEX: 421792
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CLASSIFICATION:
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1992 Commerce Street, Suite 309
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ilarity 83.3%;
Conservative
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Pred. No. 1.5e+03;
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RESULT 2122
US-08-235-503B-18
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                                                                       US-08-235-503B-18
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Best Local Similarity
Matches 15; Conserv
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                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Peterson, Michael
APPLICANT: Baichwal, Vijay R
APPLICANT: Strulovici, Berta
                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Osman, Richard A
REGISTRATION UNMER: 36,627
REFERENCE/DOCKET NUMBER: A-59
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
                                                                                                                                                                    TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-OOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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NAME/KEY:
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LENGTH: 19
                                                                                    MOLECULE TYPE: CDNA
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0.3%; Score 13.2; DB 1; Local Similarity 83.3%; Pred. No. 1.5e+03; hes 15; Conservative 0. Miamatric
                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/235,503B FILING DATE: 29-APR-1994 CLASSIFICATION: 435
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                                                                                                        TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
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                                                                                                                                                      LENGTH:
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                                                                                                                  i: 19 base pairs nucleic acid DEDNESS: single
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Pred. No. 1
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                                    DB 1; Length 19;
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US-08-676-279-23
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Best Local S
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Mezes, Peter S
APPLICANT: Mezes, Peter S
APPLICANT: GOUTLIE, Brian B
TITLE OF INVENTION: MULTIVALENT SINGLE CHAIN ANTIBODIES
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Duane C. Ulmer
STREET: P.O. Box 1967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: GB 9
FILING DATE: 31-OCT-1994
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
FILING DALL.

CLASSIFICATION: 53U
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/990,263
APPLICATION NUMBER: 11-DEC-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/GB95/00095
APPLICATION NUMBER: GB 9400929.7
FILING DATE: 19-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9422021.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: POPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                           CITY: Midland
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EDNESS: single
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION UNMBER: EP 94810196.9
FILING DATE: 30-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION UNMBER: PCT/EP95/01017
FILING DATE: 18-MAR-1995
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                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
COMPUTER: PATEN: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/696,900
FILING DATE: 22-AUG-1996
                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 4-
TELECOMMUNICATION INFORMATION:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (517) 636-8104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
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                                                                     OLECULE TYPE:
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STREET: 72.
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OTHER INFORMATION: /bound_moiety= "VDR"
                     NAME/KEY:
                                                                                                                                                                                                          TELEPHONE:
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                                                                                                                   nucleic acid
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                                                                                                                                                                                        (908) 277-4306
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                                                                                       linear
                                                                                                                                                                                                          (908) 277-3318
                                                                   DNA (genomic)
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Pred. No. 1.5e+03;
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                                                                                                  Sequence 834, Application US/08757024 Patent No. 6025339
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                                                                                                                                                                                                                                                                              Query Match
                         GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Nyce,
                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 919-881-3175
TELEFX: 575102
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REGISTRATION NUMBER: 5218-41
TELECOMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 26-NOV-19
                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
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ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                 Local Similarity
les 15; Conserv
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 STREET:
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E: BELL, SELTZER, PARK & GIBSON
P.O. Drawer 34009
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                                                                                                                                                                                                                                                                                                                                       linear
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26-NOV-1996
N: Fire
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Pred. No. 1.5e+03
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Pred. No. 1.
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                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                            STREET:
                                                                                                                                                                                                                                                 STATE:
                                                                                                                                                                                                                                                                CITY:
                                                                                                                                                                                                                                                                                           ADDRESSEE:
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TELEX: 575102
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LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-757-024-834
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.3%;
Best Local Similarity 83.3%;
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/38(
FILING DATE: 14-FEB-1995
                                                                                                                                                                                                          COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
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                                                                                                                                                   SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                         ITILE OF INVENTION: Method, Reagents and Kit for
ITILE OF INVENTION: and Targeted Screening for ps
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REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 26 CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1701 CAGCCGGAGCCCGACATG 1718
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1992 Commerce Street,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Stevens, John K.
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                     08/388,381
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Pred. No. 1
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APPLICANT: Wiesenberg, I APPLICANT: Missbach, Max TITLE OF INVENTION: Scrept TITLE OF INVENTION: Family
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US-08-765-626-23
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                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 4-:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 277-3318
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ORIGINAL SOURCE:
                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/I
FILING DATE: 18-MAR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6218359artis Corporation
STREET: 520 White Plains Road, PO Box 2005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
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                                                                                                   NAME: Ferraro, Gregory D. REGISTRATION NUMBER: 36,1
                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 10591-9005
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X: (908) 277-4306
N FOR SEQ ID NO: CHARACTERISTICS:
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Pred. No. 1.
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US-09-503-505A-9
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US-08-811-463-17
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; LENGTH: 19
; TYPE: DNA
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                                                                                                                                                                                                                                                                                                                            Sequence 9, Application US/09503505A Patent No. 6387688
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: IMMUNOSLOBIN-LIKE DOMAINS WITH INCREASED HALF LIVES FILE REFERENCE: UTSD:483 CURRENT APPLICATION NUMBER: US/08/81,463C CURRENT FILING DATE: 1997-03-03 EARLIER APPLICATION NUMBER: 60/013,563 EARLIER FILING DATE: 1996-03-18 NUMBER OF SEQ ID NOS: 39
                                              APPLICANT: SHISHIDO, KAZUO
APPLICANT: KAJIWARA, SUSUNU
APPLICANT: TSUKAMOTO AKIRA
TITLE OF INVENTION: DNA FRAGMENTS HAVING BASIDIOMYCETE-DERIVED PROMOTER
TITLE OF INVENTION: CONTROL OF THE PROMOTER ACTIVITY
FILE REFERENCE: 04853,0039
FILE REFERENCE: 04853,0039
CURRENT APPLICATION NUMBER: US/09/503,505A
CURRENT FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: JP 96367/1999
PRIOR FILING DATE: 1999-02-15
PRIOR APPLICATION NUMBER: JP 93777/1999
PRIOR APPLICATION NUMBER: JP 93777/1999
SOFTWARE: PatentIn Version 2.1
                   NUMBER OF SEQ ID NOS: 10
                                        PRIOR FILING DATE: 1999-03-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Primers
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LOCATION: 1..19
OTHER INFORMATION: /bound_moiety= "VDR"
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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1..19
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                                                                                                                                                                                                                                                                            US-09-613-444-11/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo sapiens
US-09-549-853-10
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SEQ ID NO 10
LENGTH: 19
TYPE: DNA
CURRENT APPLICATION NUMBER: US/09/613,444
CURRENT FILING DATE: 2000-07-11
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 11
                                                                                                                                                                                                                     Patent No. 6444427
GENERAL INFORMATION:
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Best Local (
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                                                                                        APPLICANT: Ludwig, Erwin H.
APPLICANT: Farese, Robert V.
APPLICANT: Innerarity, Thomas L.
APPLICANT: Cases, Sylvaine
TITLE OF INVENTION: Polymorphisms in a Diacylglycerol
TITLE OF INVENTION: Acyltransferase Gene, and Method
FILE REFERENCE: 6510191US1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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CURRENT FILING DATE: 2000-04-14
NUMBER OF SEQ ID NOS: 40
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TITLE OF INVENTION: ELECTROCHEMICAL DETECTION OF NUCLEIC ACID SEQUENCES
FILE REFERENCE: 4320.001800
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nes 15; Conserv
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Wojciechowski, Marek W.
Zhang, Honghua W.
Naser, Najih W.
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Pred. No. 1.5e+03;
0; Mismatches 3
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Pred. No. 1.5e+03;
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Query Match
Best Local Similarity
Matches 15; Conserve
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                                                                                   ; OTHER INFORMATION: Synthetic Primer US-09-216-393B-323
                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 2135
US-09-216-393B-323/c
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                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Milhausen, Michael James
APPLICANT: Milhausen, Michael James
TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THE.
FILE REFERENCE: TX-1-C2
CURRENT FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 08/994,825
PRIOR APPLICATION NUMBER: 08/994,825
PRIOR FILING DATE: 1997-12-19
NUMBER OF SEQ ID NOS: 366
SOFTWARE: Patentin version 3.1
SEQ ID NO 323
LENGTH: 19
TENGTH: 19
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CURRENT FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: US 60/151,494
PRIOR FILING DATE: 1999-08-30
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin version 3.1
SEQ ID NO 11
LENGTH: 19
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Best Local Similarity
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APPLICANT: Hermann, Mark
TITLE OF INVENTION: Homogenous Multiplex Hybridization Analysis
FILE REFERENCE: A-68197/RFT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                           TYPE: DNA ORGANISM: Artificial sequence
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Pred. No. 1.5e+03;
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
  Query Match
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Best Local Similarity
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Patent No. 6537751
GENERAL INFORMATION:
                                                                                                                                                                                                        SEQ ID NO 6356
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                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                               EARLIER APPLICATION NUMBER: US 09/298,850 EARLIER FILING DATE: 1999-04-21 EARLIER APPLICATION NUMBER: US 60/109,732 EARLIER FILING DATE: 1998-11-23 EARLIER APPLICATION NUMBER: US 60/082,614 EARLIER FILING DATE: 1998-04-21
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                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 11796
                                                                                                NAME/KEY: primer_bind
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OTHER INFORMATION: upstream amplification primer 99-15545 for SEQ 586.
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ORGANISM: Homo Sapiens
                                                           OTHER INFORMATION: upstream amplification
                                                                                                                                             ORGANISM: Homo Sapiens
                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: primer_bind
                                                                                 LOCATION:
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Pred. No. 1.5e+03
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  DB 1;
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Length 19
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US-09-422-978-7772/c
Sequence 7772, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
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US-09-422-978-6687/c
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US-09-422-978-6687
                                                                                                                                                  EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7772
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
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SEQ ID NO 6687
LENGTH: 19
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                                                                                                                                                                                                                                    APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILLING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
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                                      NAME/KEY: primer_bind
                                                                   FEATURE:
                                                                                     TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
OTHER INFORMATION: upstream amplification primer 99-3072 for SEQ 3838
                                                                                                                                  ENGTH: 19
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Pred. No. 1.
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Best Local Similarity
"""hes 15; Conserv
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US-09-422-978-8498
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APPLICANT: Chen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
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US-09-422-978-8297/c
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Best Local :
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                                                          NUMBER OF SEQ ID NOS:
SEQ ID NO 8498
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-14-21
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  ORGANISM: Homo
                    TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: downstream amplification primer 99-1476 for SEQ 432,
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NAME/KEY: primer_bind
LOCATION: 1..19
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                                          LENGTH:
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Pred. No. 1.
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Pred. No. 1.
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LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; PAME/KEY: primer bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-7103
US-09-422-978-9747
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APPLICANT: Chumakov, 11ya
TITLE OF INVENTION Biallelic markers for use in
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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US-09-422-978-10626
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US-09-422-978-9747
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TITLE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET, 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                     Patent No. 6537751
GENERAL INFORMATION:
                                                                                                                                                                                                                                                       Sequence 10626, Application US/09422978 Patent No. 6537751
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Best Local
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Best Local
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                                                                                                                                                                                                                   APPLICANT: Cohen,
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APPLICANT: Blumenfeld,
                                                                                                                                                                                                  APPLICANT: Blumenfeld,
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Pred. No. 1.5e
0; Mismatches
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Pred. No. 1.5e
0; Mismatches
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SEQ ID

NUMBER OF SEQ ID NOS: 11796 NO 10626

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-422-978-11145
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Best Local S
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LENGTH: 19
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Best Local Similarity
Matches 15; Conserv
                            APPLICANT: The Govenors of the University of Alberta et al.; Alberta APPLICANT: Council
TITLE OF INVENTION: BIOCONTROL AGENT AND PESTICIDE
FILE REFERENCE: 10230-41
CURRENT APPLICATION NUMBER: US/09/700,486
CURRENT FILING DATE: 2001-05-05
PRIOR APPLICATION NUMBER: CA 2,238,289
PRIOR APPLICATION NUMBER: CA 2,238,289
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1998-05-20
RUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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NAME/KEY: primer_bind
LOCATION: 1..19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: downstream amplification primer 99-2954 for SEQ 3280,
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Local Similarity 83.3%;
les 15; Conservation
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                    version 3.1
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Pred. No. 1.
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Pred. No. 1
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OTHER INFORMATION: based on Homo sapiens
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US-09-672-717-214/c
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                                               CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 214
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Best Local Similarity
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SEQ ID NO 37
LENGTH: 19
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Best Local Similarity
Matches 15; Conser
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Korneluk, Robert
APPLICANT: LaCasse, Eric
APPLICANT: Baird, Stephen
                                                                                                           TITLE OF INVENTION: Antisense IAP Nucleic Acids
TITLE OF INVENTION: Thereof
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
                                                                                                                                                                                                         APPLICANT: Korneluk, APPLICANT: LaCasse, APPLICANT: Baird, St
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CURRENT FILING DATE: 2000-09-28
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OTHER INFORMATION: based on Homo sapiens
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ORGANISM: Artificial Sequence
                   TYPE: DNA
                                  ENGTH: 19
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                                                                                                                                                                          LaCasse, Eric
Baird, Stephen
Holcik, Martin
Young, Sean
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Young, Sean
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Pred. No. 1
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Pred. No. 1.
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                                                                               ; OTHER INFORMATION: Cdk1 ribozyme binding site US-09-696-791-46
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 Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                         NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 46
LENGTH: 19
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Best Local Similarity
Matches 15; Conserv
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 208
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Best Local Similarity
Matches 15; Conserv
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Patent No. 6770461
                                                                                                                                                                                                                                     APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/544,398B CURRENT FILING DATE: 2002-06-10 PRIOR APPLICATION NUMBER: US 09/229,319 PRIOR FILING DATE: 1999-01-13 PRIOR APPLICATION NUMBER: US 60/071,449 PRIOR FILING DATE: 1998-01-13 PRIOR APPLICATION NUMBER: US 60/105,511 PRIOR APPLICATION NUMBER: US 60/105,511 PRIOR PILING DATE: 1998-10-23
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TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Carulli, John APPLICANT: Little, Randa
                                                                                                                       TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                     FEATURE:
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 Score 13.2; DB 1; Length 19; Pred. No. 1.5e+03; 0; Mismatches 3; Indels
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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US-09-696-791-894
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; OTHER INFORMATION: Cdk8 ribozyme binding US-09-696-791-894
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SEQ ID NO 707
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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US-09-696-791-707/c
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                                                                                                                                                                                                     SOFTWARE: Pa
SEQ ID NO 894
LENGTH: 19
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6770833
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
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                                                                   Matches
                                                                                Query Match
Best Local (
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Best Local Similarity 83.3%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE TITLE OF INVENTION: SKIN AND EYE DISEASES FILE REFERENCE: 480124.407
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE TITLE OF INVENTION: SKIN AND EYE DISEASES FILE REFERENCE: 480124.407 CURRENT APPLICATION NUMBER: US/09/696,791 CURRENT FILING DATE: 2000.10-25
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                                                                                                                                                                                ORGANISM: Homo sapiens
                              4510 AGGATGACCTCGAGAGCT 4527
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                                                                 Conservative
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                                                                Score 13.2; D
Pred. No. 1.5e
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Pred. No. 1.5e+03;
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                                                                 Gaps
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US-09-696-791-1032

Sequence 1032, Application US/09696791 Patent No. 6770633

GENERAL INFORMATION: APPLICANT: Robbins

Joan M.

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RESULT 2154
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                                                                                                                                                                                                                                                         US-09-696-791-1133/c
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                                                                                                                    GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1133
LENGTH: 19
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SOFTWARE: PatentIn Ve
SEQ ID NO 1121
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CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Pacentin Ver. 2.0
SEQ ID NO 1032
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Best Local :
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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Pred. No. 1.5e+03
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GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
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US-09-696-791-1241/c
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                                                                                                        ; OTHER INFORMATION: Cdk-we-hu ribozyme binding site
US-09-696-791-1241
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APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
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Matches
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SEQ ID NO 1209
                                                           Query Match
Best Local S
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SEQ ID NO 1241
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                                                 Matches
                                                                                                                                         LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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Best Local Similarity
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NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
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ORGANISM: Homo sapiens
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Conservative
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                                              Score 13.2; DB 1;
Pred. No. 1.5e+03;
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Pred. No. 1.
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Pred. No. 1
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                                                                             Length 19;
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RESULT 2159
US-09-696-791-1853/c
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APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 1843
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1844
                                               Sequence 1853, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
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APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
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Best Local
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                APPLICANT: Robbins, Joan & APPLICANT: Tritz, Richard
 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
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les 15; Conserv
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RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
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Pred. No. 1.5e+03;
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Pred. No. 1
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FILE REPERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1853
; LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
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US-09-696-791-1934/c
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US-09-696-791-1877
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                                                                                                                                                         Sequence 1934, Application US/09696791
Patent No. 6770633
GENERRAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
                                                                    SOFTWARE: Pa
SEQ ID NO 1934
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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SEQ ID NO 1877
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Best Local (
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
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APPLICANT: Tritz, Richard
APPLICANT: Tritz, Richard
APPLICANT: Tritz, Richard
APPLICANT: Tritz, Richard
APPLICANT: Tritz, Richard
APPLICANT: Tritz, Richard
APPLICANT: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN.AND EYE DISEASES
                                                                                                           NUMBER OF SEQ ID NOS:
                                                                                                                          CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                  LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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ORGANISM: Homo sapiens
FEATURE:
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Pred. No. 1.5e
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Pred. No. 1.5e
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; OTHER INFORMATION: Cyclin D2 ribozyme binding site US-09-696-791-1934
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US-09-696-791-2101
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                                                           Query Match
Best Local S
Matches 15
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APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 2102
LENGTH: 19
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2101
LENGTH: 19
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APPLICANT: Robbins, Joan M.

APPLICANT: Tritz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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                   GCACCTCTTCTGGTTTGG 2266
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Pred. No. 1.
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Pred. No. 1.5e+03;
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GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILLING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: DECATTORY
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; Sequence 2399, Application US/09696791
; Patent No. 6770633
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US-09-696-791-2169/c
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SEQ ID NO 2399
LENGTH: 19
TYPE: DNA
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CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2169
LENGTH: 19
             GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
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Best Local Similarity 83.3%;
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Best Local Similarity
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ORGANISM: Homo sapiens
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480124.407
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Pred. No. 1.
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Pred. No. 1.5e+03;
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; FEATURE:
; OTHER INFORMATION: Cyclin Al ribozyme
US-09-696-791-3248
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US-09-696-791-3248
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US-09-696-791-2946
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3247
LENGTH: 19
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APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
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Best Local :
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SOPTWARE: PatentIn Ve
SEQ ID NO 2946
LENGTH: 19
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                                                                                                                                                                                                                                                     Patent No. 6770633
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                         TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                                                          APPLICANT: Robbins, Joan M. APPLICANT: Tritz, Richard
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CURRENT FILING DATE: 2000-10-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                        ORGANISM: Homo sapiens
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Pred. No. 1.5e+03
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Pred. No. 1.5e-
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US-09-696-791-3506/c
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                                                                                                                ; OTHER INFORMATION: Cdc25 hs ribozyme binding site US-09-696-791-3506
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US-09-696-791-3426
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SEQ ID NO 3506
LENGTH: 19
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3426
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APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
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                                                                                                                                                                                                                                                      TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TITLE OF INVENTION: SKIN AND EYE DISEASES FILE REFERENCE: 480124-407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
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                                                                                                                                                                                                                                                                                                                                   APPLICANT: Robbins, Joan M. APPLICANT: Tritz, Richard
                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
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TYPE: DNA
ORGANISM: Homo sapiens
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Pred. No. 1.5e
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Pred. No. 1.5e+03
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PCT-US94-02891-26
Sequence 26, Application PC/TUS9402891
GENERAL INFORMATION:
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US-09-696-791-3887
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APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3887
LENGTH: 19
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3553
LENGTH: 19
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APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
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APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF TITLE OF INVENTION: XSCID NUMBER OF SEQUENCES: 69
                                                                                 APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN APPLICANT: SERVICES APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
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Pred. No. 1.
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GENERAL INFORMATION
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Best Local
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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             ZIP: 94111-4187

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
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FILING DATE: 14-SEPT 1993
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FEILER
REGISTRATION NUMBER: 26,728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/0
FILING DATE: 12-MAR-1993
                                                                                                                                                                                                             APPLICANT: TULARIK, INC.
TITLE OF INVENTION: TRANSCRIPTION FACTOR-DNA BINDING
NUMBER OF SEQUENCES: 74
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MEDIUM TYPE: FLOPPY
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CURRENT APPLICATION DATA:
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                                                                                                                                CITY: San Francisco
STATE: California
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INDIVIDUAL ISOLATE:
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TELEFAX: 212-751-6849
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                                                                                                             COUNTRY:
                                                                                                                                                                 STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: WORD PERFECT # 5.1
                                                                                                                                                                                  ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE
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                                                                                                                                                                                                                                                                                                                                                                                        268 CCCTCTCTCTCTTTCTCT 285
                                                                                                                                                                                                                                                                                                                                                                  1 CCCTCTCTCTTGGTCTCT
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DEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NEW YORK
                                                                                                                                                                                                                                                                                  Application PC/TUS9505265
                                                                                                                                                               E: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT 4 Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: MORGAN & F
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                                                                                                                                                                                                                                                                                                                                                                                                                                             0.3%; Score 13.2;
83.3%; Pred. No. 1.
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                  Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 19;
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APPLICATION NUMBER:

PCT/US95/05265

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GENERAL INFORMATION:
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TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
                                                                                  APPLICATION NUMBER: 08/38
FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
                                                                                                                                                            APPLICATION NUMBER: 08/271,946 FILING DATE: 08-JUL-1994 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                      SOFTWARE: Word Perfect CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER:
FILING DATE: 29-APR-
                REFERENCE/DOCKET NUMBER: VG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                 CLASSIFICATION: PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Visible Genetics Inc. APPLICANT: Diamandis, Eleftherios
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Osman, Richard A
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: FP-59232-PC/RAO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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                                                                 REGISTRATION NUMBER: 32,038
                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM CONTROL OPERATING SYSTEM:
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                                                                                                                                                                                                                                                      FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Oppedahl & Larson 1992 Commerce Street
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(914) 962-4330
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                                                                                                                                           08/388,381
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Pred. No. 1.5e+03
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RESULT 2176
US-08-250-856A-27/c
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                                                                    US-08-250-856A-27
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0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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                                                                                                                                                                        TELEFAX: (609) 779-84 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,2
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FRAGMENT TYPE:
ORIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata STREET: 210 Lake Drive East, Suite 201
                                                                              ANTI-SENSE:
                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: (609) 779-2400
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                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: UFILING DATE: May 31,
                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY:
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                                                                                                               STRANDEDNESS:
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                                                                                                                           Nucleic Acid
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                                                                                                             Single
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                                                                                                                                                                                                                                                                                                                                                                                                                                              3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  23:
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Pred. No. 1.5e
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0
                        Score 13.2;
Pred. No. 1.
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                                      DB 1; Length 20;
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Mismatches

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US-08-471-973A-13/c
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US-08-468-037A-13/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-468-037A-13
                                                                                                                                                                                                          Sequence 13, Application US/08471973A Patent No. 5872232
                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local 9
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                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: ASWASSA'
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5872232ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/468, FILING DATE: 06-JUN-1995 CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION UMBER: 835,932 FILING DATE: 05-MAR-1992 ATTORNEY/AGENT INFORMATION: NAME: JOSEPH LUCCI REFERENCE/DOCKET NUMBER: 33,307 REFERENCE/DOCKET NUMBER: ISIS: TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Phillip Dan
APPLICANT: A. Kawasaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 215-568-3439 [NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatibl
OPERATING SYSTEM: PC-DOS/N
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
TOPOLOGY: line
ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: One Liberty
CITY: Philadelphia
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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                                Philadelphia
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U.S.A.
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                          Score 13.2; DB 1;
Pred. No. 1.6e+03;
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US-08-756-806A-27/c
; Sequence 27, Application US/08756806A
; Patent No. 5952229
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Best Local Similarity
Matches 15; Conserv
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/47
FILING DATE: 06-77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                            APPLICATION NUMBER: PCT/US9
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,
FILING DATE: May 31, 1994
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/7
FILING DATE: NO. 5952229emb
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ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH LUCCI
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                     CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                              STATE: N
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CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                 NAME: Jane Massey Licata REGISTRATION NUMBER: 32,
 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH:
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                                                                                                                                                                                       NUMBER: US/08/756,806A
No. 5952229ember 26, 1996
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                                                                                    08/250,856
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ISPH-0200
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Pred. No. 1.6e+03;
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; ANTI-SENSE:
US-08-465-880-13
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US-08-465-880-13/c
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Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                         Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                    CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 244,993

FILING DATE: 21-UN-1994

ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH LUCCI
REGISTRATION NUMBER: 33,307

REFERENCE/DOCKET NUMBER: ISIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Philip
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
ORDER CONTROL NATION AND DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Philip Dan Cook
TITLE OF INVENTION: Gapped
                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                LENGTH:
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                            4034 GGAGGAGGGCCACCAGG 4051
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nucleic acid
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One Liberty Place - 46th Floor
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                                                            Conservative
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Pred. No. 1.6e+03;
                                                                       Score 13.2; DB 1;
Pred. No. 1.6e+03;
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                                                             Mismatches
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US-09-035-357-13/c
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Best Local Similarity
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                                                                                                                                                                                                                                                                     Sequence 27, Application US/09143214 Patent No. 6090626
                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                 Patent No. 6090626
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
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APPLICANT: Phillip Dan
APPLICANT: A. Kawasaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
                      ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                            NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH Lucci
REGISTRATION NUMBER: 33,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 215-568-3100
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CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM:
SOFTWARE: WordPei
COMPUTER: IBM PS/2
OPERATING SYSTEM: 1
                                                                                                      STATE:
                                                                                                                    CITY:
                                                                                                                                STREET:
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                                                                              COUNTRY:
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                                                                                                                                  66 East Main Street
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One Liberty Place - 46th Floor
                                                                                   USA
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SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                               DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.3%;
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Pred. No. 1.6e+03;
0; Mismatches 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1;
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US-09-000-136-13/c
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Best Local S
Matches 15
                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 13, App.
                                     Matches
                                                    Query Match
Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                         APPLICANT: Hamilton, Karen O
TITLE OF INVENTION: Liposomal Oligonucleotide Compositions
FILE REFERENCE: 4-20536/AM 2112
CURRENT APPLICATION NUMBER: US/09/000,136
CURRENT FILING DATE: 1998-04-23
EARLIER APPLICATION NUMBER: GB 9515743.4
EARLIER FILING DATE: 1995-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Love, William G
APPLICANT: Sharman, Thomas
APPLICANT: Phillips, Judith A
APPLICANT: Nicklin, Paul L
                                                                                                                          OTHER INFORMATION: oligonucleotide has uniform phosphorothiate OTHER INFORMATION: backbone and nucleotides 10-20 are substituted by OTHER INFORMATION: methoxy at the 2' position of the sugar moiety
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                        FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION: TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: May 31, 1995 PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/25
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/756,806
FILING DATE: No. 6090626ember 26,
APPLICATION NUMBER: PCT/US95/07111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
 4034 GGAGGAGGGCCACCAGG 4051
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                                   15; Conserv
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                                   <u>,</u>
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                                                    Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03
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                                                                       DB 1;
                                                                   Length 20
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                                     Indels
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Patent No. 6410518
                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                            GENERAL INFORMATION:
              CURRENT APPLICATION NUMBER: US/09/506,073
CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER FILING DATE: 1998-07-06
EARLIER FILING DATE: 1998-07-06
EARLIER APPLICATION NUMBER: US 08/888,982
                                                                                                                                                                      APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION
                                                                                                                                                      FILE REFERENCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 01
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/135,202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH LUCCI
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: IS:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inch disk, 720 Kb
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ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6399754ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITIE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
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OPERATING SYSTEM:
SOFTWARE: WordPer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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TELEFAX: 215-568-3439
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APPLICATION NUMBER: US 08/888,982 FILING DATE: 1997-07-07
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SYSTEM: PC-DOS/MS-DOS
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Pred. No. 1.
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APPLICANT: Altman, Karl-Heinz
TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides
FILE REFERENCE: ISNOO083
CURRENT APPLICATION NUMBER: US/08/802,331
CURRENT FILING DATE: 1997-02-11
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 20
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EARLIER APPLICATION NUMBER: PCT/US95/07111
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
NUMBER OF SEQ ID NOS: 130
SEQ ID NO 28
LENGTH: 20
                                                                                                                                                                                                                          Sequence 13, Application US/09389283 Patent No. 6531584
                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: A. Kawasaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENERAL INFORMATION:
APPLICANT: COOK, Phillip D.
APPLICANT: Monia, Brett
APPLICANT: Martin, Pierre
APPLICANT: Altman, Karl-He
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: antisense sequence
COMPUTER READABLE FORM:
                                                                                                                  TITLE OF INVENTION: 2'-Modified Oligonucleotides NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
                                                             STREET: One Liberty CITY: Philadelphia
                  COUNTRY: U
                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                  4034 GGAGGAGGGCCACCAGG 4051
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                                                                                 E: Woodcock Washburn Kurtz Mackiewicz & No. 6531584ris
One Liberty Place - 46th Floor
                              U.S.A.
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Pred. No. 1.6e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                   Score 13.2; DB 1;
Pred. No. 1.6e+03;
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PCT-US95-07111A-27/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 27, Application PC/TUS9507111A
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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                                                              PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/250,856

PILING DATE: May 31, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
TELEFAX: (609) 779-84 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH LUCCI
REGISTRATION NUMBER: 33,307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                           SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION
TELEPHONE: 215-568-3100
                               TELECOMMUNICATION INFORMATION: TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 5
                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: May 31 CLASSIFICATION:
                                                                                                                                                                                                                                                              COMPUTER: IBM PS/
OPERATING SYSTEM:
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                             TELEPHONE:
                                                                                                                                                                                                                                                                                                                                   ZIP: 08002
                                                                                                                                                                                                                                                                                                                                                                  STATE:
                                                                                                                                                                                                                                                                                                                                                                                                STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
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Similarity 83.3%;
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                                                                                                                                                                                                                                                                                 IBM PS/2
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                                                                                                                                                                                                                                                                                               DISKETTE, 3.5 INCH,
                                                                                                                                                                                              May 31, 1995
             779-8488
                                                                                                                                                                                                                                                                 PC-DOS
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                                                                 ISPH-0135
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                1.44 Mb STORAGE
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; ANTI-SENSE:
US-08-889-296A-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 83.3
Matches 15; Conservative
                             Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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GENERAL INFORMATION:
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                                                                                                                                                                                                          TELEFAX: (6
                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 32,257
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 958,134
FILING DATE: October 5, 1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: Linear ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Monia, B.P., Cowsert, L.M. and Manoharan, TITLE OF INVENTION: Antisense Oligonucleotide TITLE OF INVENTION: Inhibition of ras
                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                     FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
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                                                                                                                                          TYPE: Nucleic Acid
STRANDEDNESS: Singl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                         NAME: Jane Massey Licata REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: U
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Cherry Hill
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: Nucleic Acid
                                                                                                                                                                           LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DDRESSEE:
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 3923 GCCGCGGCCGCCGCTGCC 3940
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210 Lake Drive East, Suite 201
                                                                                                                                                                                                         (609) 779-8488
OR SEQ ID NO: 20:
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                                                                                                                              Linear
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                                                                                                                                           Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%;
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                             Score 13.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1.6e+03
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RESULT 2190
US-08-848-840A-20
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TOPOLOGY:
US-08-848-840A-20
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GENERAL INFORMATION:
APPLICANT: Monia,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 20, Application US/08848840A Patent No. 5965722
       Matches
                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                        PILING DATE: 03-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/227,180
PILING DATE: 13-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-24
                                                                                                                                                                                               TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSLELATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/317,289
FILING DATE: 03-OCT-1994
FRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/794,493
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
PRIOR TOATTON NUMBER: 08/468,037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 08/335,040
FILING DATE: 07-NOV-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/488,256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/7/
FILING DATE: 04-FEB-1997
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordberfect 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
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PRIOR APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5965722ris LLP
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/411,734
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH TITLE OF INVENTION: CHIMERIC AND ALTERNATING OLIGONUCLEOTIDES
                                                                                                                                                                                               TELEPHONE: 215-568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/4 FILING DATE: 06-JUN-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 19103
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CITY: Philadelphia
                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                       TYPE: nucleic acid
       15;
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nilarity 83.3%;
Conservative
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30-APR-1997
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                                                                                                                     single
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0,
       Score 13.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3
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                                           Length 20;
         Indels
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         Gaps
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3923 GCCGCGGCCGCCGCTGCC 3940

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                                                                                                                                                                                                                                                          RESULT 2192
US-09-128-494-20
                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                       Sequence 20, Application US/09128494 Patent No. 6117848
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Patent No. 6083923
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No.
                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Monia, B.P., Cowsert, L.M. and Manoharan,
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Inhibition of ras
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -08-961-469A-28
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MEDIUM TYPE: DISKETTE, 3.5 INCI
COMPUTER: PENTIUM
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
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INFORMATION FOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0219
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/961
FILING DATE: October 31, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
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APPLICANT: Mike Templin, Randy Howard, Rahul Mehta
TITLE OF INVENTION: LIPOSOMAL OLIGONUCLEOTIDE COMPOSITIONS
                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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               STATE: N
                                                     STREET: 210 Lake
CITY: Cherry Hill
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Marlton
STATE: NJ
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08002
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66 E. Main Street
                                                                  E: Jane Massey Licata
210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           609-810-1454
OR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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Pred. No. 1.6e+03;
0; Mismatches 3;
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APPLICANT: Cook, Philip D

APPLICANT: Ecker, David J

IITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and TITLE OF INVENTION: Alternating Oligonuclectides

PILE REFERENCE: ISIS350

CURRENT APPLICATION NUMBER: US/09/248,386

CURRENT FILING DATE: 1999-01-12

EARLIER APPLICATION NUMBER: 08/848,840

EARLIER APPLICATION NUMBER: 07/411,734

EARLIER APPLICATION NUMBER: 07/411,734

EARLIER APPLICATION NUMBER: 07/115,196

EARLIER FILING DATE: 1993-0-25

EARLIER FILING DATE: 1993-10-01

EARLIER APPLICATION NUMBER: 07/715,196

EARLIER APPLICATION NUMBER: 07/715,196

EARLIER FILING DATE: 1991-06-14

EARLIER FILING DATE: 1991-06-14
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Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 20,
                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
                                                                                                                                                                                                                                                                                                                                         APPLICANT: Monia, Brett P
APPLICANT: Freier, Susan M
APPLICANT: Sanghvi, Yogesh S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
PRIOR APPLICATION NUMBER: 958,134
APPLICATION NUMBER: 958,134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (609) 779-8488 INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: WORDPERFECT 5.1 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 958,134 FILING DATE: October 5, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
TOPOLOGY: Lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                 6359124
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/09248386
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Pred. No. 1
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Patent No. 6784290
GENERAL INFORMATION:
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Best Local S
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SEQ ID NO 20
LENGTH: 20
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EARLIER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EARLIER FILING DATE: 1994-06-21
EARLIER APPLICATION NUMBER: 08/
EARLIER FILING DATE: 1995-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         EARLIER
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 for WINDOWS
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Monia, B.P., Cowsert, L.M. and Manoharan, M. TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras NUMBER OF SEQUENCES: 55 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3923 GCCGCGGCCGCCGCTGCC 3940
                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                    CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 07/814,961 FILING DATE: 1991-12-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/174,379
FILING DATE: 1993-12-28
APPLICATION NUMBER: 08/040,933
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/039,979 FILING DATE: 1993-03-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 1992-10-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 1987-04-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 07/040,526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/040,903 FILING DATE: 1993-03-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 1991-05-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/703,619
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APPLICATION NUMBER: 08/300,072
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                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
APPLICATION NUMBER: 09/128,494
FILING DATE: August 3, 1998
APPLICATION NUMBER: 08/411,734
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        dccrccdccdccdcdcc 20
                                                                                                          APPLICATION NUMBER: US/09/575,554 FILING DATE: 22-May-2000
                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 08053
                                                                                                                                                                                                                                                                                                                         STATE: NJ
                                                                                    CLASSIFICATION: <Unknown>
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RESULT 2195
US-08-478-178A-113
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                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: MARCh 16,1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
TELEBLADOME: 7151 563-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 20
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INFORMATION FOR SEQ ID NO:
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MEDIUM TYPE: DISKETTE, 3.5
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Nicholas Dean, C.
TITLE OF INVENTION: Oligonuc
TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 1
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                                                                                 TELEPHONE:
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ADDRESSEE: Mackiewicz & No. 588292
STREET: One Liberty Place - 46th F
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FILING DATE: October 1, 193
APPLICATION NUMBER: 07/958 1,34
FILING DATE: October 5, 1992
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
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SEQUENCE DESCRIPTION: SEQ ID NO: 20
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STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PA
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                                                                                 (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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Pred. No. 1.
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                                                                  US-08-481-072A-113
                                                                                  RESULT 2197
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               Sequence 113, Application US/08481072A Patent No. 5916807 GENERAL INFORMATION:
                                                                                                                                                                                                                   Query Match
Best Local S
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Patent No. 5885970
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Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILLING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
                                                                                                                                                                                                                                                                                   TOPOLOGY: line
ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 514
PRIOR APPLICATION DATA:
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MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
APPLICANT: Nicholas Dean, C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
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CITY: Philadelphia
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ADDRESSEE: Mackiewicz & No. 5885970ris
STREET: One Liberty Place - 46th Floor
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                                                                                                                                                                                                                                                                                                                                                       ENGTH:
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                                                                                                                                                                                                                    Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Nicholas Dean, C. Frank Bennett
VBNTION: Oligonucleotide Modulation of
VBNTION: Protein Kinase C
EQUENCES: 121
                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                    single
                                                                                                                                                                                                                   0.3%;
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                                                                                                                                                                                                                   Score 13.2; DB 1;
Pred. No. 1.6e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 13.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3
                                                                                                                                                                                                   Mismatches
                                                                                                                                                                                                                                 DB 1;
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                                                                                                                                                                                                                                                                                                                                                           Sequence 113, Application US/08664336
Patent No. 5922686
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 72:
COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/664,336
FILING DATE: herewith
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (215) 568-31
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 852,852
AFILING DATE: MARCH 16, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                          APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: 181
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Oligonum TITLE OF INVENTION: Protein
                                                                                                                                                                                           STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PS/
OPERATING SYSTEM:
SOFTWARE: WORDPEF
                                                                                                                                                                                          STATE:
                                                                                                                                                                                                                        ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5922686ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local
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                                                                                                                                                                        COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5916807ris
STREET: One Liberty Place - 46th Floor
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al Similarity 83.3%;
15; Conservation
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                                                                                                                  DISKETTE, 3.5 INCH, 720 kb STORAGE
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Pred. No. 1.
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          general information:
                                                                                      TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 113
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                   SOFTWARE: WORDPERPECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: IS:
TELECOMMUNICATION INFORMATION:
                                                                                                                                           NAME: Rebecca Ralph Gaumond REGISTRATION NUMBER: 35,152 REFERENCE/DOCKET NUMBER: ISIS-1154 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 089,9 FILING DATE: July 9, 1993 ATTORNEY/AGENT INFORMATION:
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FILING DATE: March 16, 1992
PRIOR APPLICATION DATA:
                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonuclectide Modulation of
TITLE OF INVENTION: Protein Kinase C
NUMBER OF SEQUENCES: 121
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TYPE: nucleic acid
STRANDEDNESS: singl
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: One Liberty CITY: Philadelphia
                                                                                                                        TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5959096ris
STREET: One Liberty Place - 46th Floor
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                                                    ENGTH:
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                                                                                                                            568-3100
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Pred. No. 1.6e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                     1.44 Mb STORAGE
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Query Match
Best Local Similarity
Matches 15; Conserva
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US-08-578-615A-72
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US-08-481-066A-113
                                                                                                                             US-08-578-615A-72
                                                                                                                                                                                                                                                     PRIOR APPLICATION UNDBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKST NUMBER: 1515-1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION S68-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 72, Application US/08578615A Patent No.: 6015892
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Best Local Similarity 83...
Matches 15; Conservative
                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                             TOPOLOGY: linear ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Nichola
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                                                                                                                                                                         TYPE: nucleic STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PS/
OPERATING SYSTEM:
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                                                                                                                                                                                                           LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
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                            1726 TCTTCATCGGCACCTGGA 1743
2 TCTTCAACCGCACCAGGA 19
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VENTION: Oligonucleotide Modulation of Protein KinaseC
                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SYSTEM: PC-DOS
WORDPERFECT 6.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IBM PS/2
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Pred. No. 1.6e+03
                                                                             Score 13.2;
Pred. No. 1
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                                                               Mismatches
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RESULT 2201 US-08-578-615A-73 ; Sequence 73, Application US/08578615A ; Patent No. 6015892 ; GENERAL INFORMATION:

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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                  Sequence 113, App. Parent No. 6339066
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APPLICATION NUMBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                             APPLICANT: C. Frank Bennett
APPLICANT: Phillip Dan Cook
APPLICANT: Nicholas Dean
APPLICANT: Olinholas Dean
APPLICANT: Glenn Hoke
TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
TITLE OF INVENTION: PHOSPHOROTHIOATE LINKAGES OF HIGH CHIRAL PURITY AND
TITLE OF INVENTION: WHICH MODULATE aI, aII, , k, n, AND ISOFORMS OF
TITLE OF INVENTION: PROTEIN KINASE C
NUMBER OF SEQUENCES: 136
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MEDIUM TYPE: DISKETTE,
COMPUTER: IBM PS/2
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ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. STREET: One Liberty Place - 46th Floor
                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: John W. Caldwell (28,937) Woodcock
ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris
STREET: One Liberty Place - 46th Floor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 11-JAN CLASSIFICATION: 514
                                                      STREET: One Libert:
CITY: Philadelphia
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REFERENCE/DOCKET NUMBER: ISIS-1568
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                   COUNTRY:
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Pred. No. 1.
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Best Local Similarity 83.3%;
Matches 15; Conservative
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PRIOR APPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UPPLICATION NUMBER: UP
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PRIOR APPLICATION NUMBER: US 07/777,760
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PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/777,007
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APPLICATION NUMBER: US 07/089,996
FILING DATE: 09-JUL-1993
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MEDIUM TYPE: DISKETTE,
COMPUTER: IBM PS/2
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APPLICATION NUMBER:
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PRIOR APPLICATION DATA:
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FILING DATE: 06-JUN-
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
US 08/469,851
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PRIOR APPLICATION UNIMBER: US 08/470,129
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APPLICATION NUMBER: US 08/481,066
FILING DATE: 07-JUN-1995
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                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
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                                                             1726 TCTTCATCGGCACCTGGA 1743
TCTTCAACCGCACCAGGA 19
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11-JAN-1990
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                                                                                                                                                             Score 13.2;
Pred. No. 1
                                                                                                                                  Mismatches
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RESULT 2203 US-09-439-261-55/c ; Sequence 55, Application US/09439261

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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-113
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PRIOR FILING DATE: 1997-03-31
PRIOR PELICATION NUMBER: US 08/478,178
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR FILING DATE: 1993-07-09
PRIOR FILING DATE: 1993-03-16
                                                        Query Match
Best Local Similarity
Matches 15; Conserv
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Best Local Similarity 83.3
Matches 15; Conservative
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SEQ ID NO 113
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 65379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: ISIS4954
CURRENT APPLICATION NUMBER: US/10/025,139
CURRENT FILING DATE: 2001-12-18
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PRIOR FILING DATE: 1998-04-10
PRIOR APPLICATION NUMBER: US 09/227,613
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CURRENT FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: US 08/833,610
PRIOR FILING DATE: 1997-04-11
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TITLE OF INVENTION: HUMAN DESATURASE GENE AND USES THEREOF
FILE REFERENCE: 6295.US.P2
                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Dean, Nicholas M.
APPLICANT: Holmlund, Jon T.
APPLICANT: Dorr, F. Andrew
TITLE OF INVENTION: Oligonuclectide Modulation Of Protein Kinase
FILE REFERENCE: ISIS4954
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 TCTTCAACCGCACCAGGA 19
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Leonard, Amanda E.
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Pred. No. 1.6e+03;
                                                                                       Score 13.2; DB 1;
Pred. No. 1.6e+03;
                                                                        Mismatches
                                                                                                       DB 1;
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                                                                                                                            Sequence 73, Application PC/TUS9407770 GENERAL INFORMATION:
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Best Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
MEDIUM TYPE: STORAGE
               NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock
                                                                                                APPLICANT: Nicholas Dean, C. Frank Bennett and APPLICANT: Russell T. Boggs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                TITLE OF INVENTION: Oligonu
                                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Oligonuc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 35,152 REFERENCE/DOCKET NUMBER: IS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: Y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER:
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ADDRESSEE: Mackiewicz & Norris
                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
                                                                                                                                                                                                                                                                  1726 TCTTCATCGGCACCTGGA 1743
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                                                                                                                                                                                                                                  2 TCTTCAACCGCACCAGGA 19
                                                                                                                                                                                                                                                                                                                                                                                                                                   nucleic acid
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                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (215) 568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Nicholas Dean, C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IBM PS/2
Woodcock Washburn Kurtz
Mackiewicz & Norris
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Oligonucleotide Modulation of
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Oligonucleotide Modulation of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PCT/US94/07770
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Pred. No. 1.6e+03
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US-07-805-123C-14
US-07-805-123C-14, Application US/07805123C
Sequence 14, Application US/07805123C
Patent No. 5262529
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; ANTI-SENSE:
PCT-US94-07770-73
             COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: Wordberfect (Version 5.1)
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                            APPLICANT: Dryja, Thaddeus P.
APPLICANT: Berson, Eliot L.
TITLE OF INVENTION: DIAGNOSIS OF HEREDITARY RETINAL
TITLE OF INVENTION: DEGENERATIVE DISEASES
                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORNDERFECT 5.1
CURRENT APPLICATION DATA:
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MEDIUM TYPE: DISKETTE,
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: UFILING DATE: 19911211
                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISI
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CLASSIFICATION:
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                                                                                                                                                                     COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                ADDRESSEE:
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                                                                                                                                                                                                          Boston
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                                                                                                                                                                                     Massachusetts
                                                                                                                                                                                                                        225 Franklin Street
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                                                                                                                                                                                                                                              Fish & Richardson
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Pred. No. 1.6e+03;
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US-07-889-651-11/c
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                                                                           US-07-889-651-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 11,
                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 07417-1880
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Spears, Patrici
APPLICANT: Shank, Daryl D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (617) 542-890
TELEX: 200154
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                           SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Stierwalt, Brian K.
REGISTON NUMBER: 3,213
REFERENCE/DOCKET NUMBER: P-2512
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-847-5317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00246/069003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/469,21:
APPLICATION NUMBER: 07/469,21:
APPLICATION DATE: January 24, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Mycobacteria Probes NUMBER OF SEQUENCES: 25
                                                                                                                                                                                                      TELEPHONE: 201-848-9228
                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: U. FILING DATE: 19920526 CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: singl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH:
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0.3%; Score 13.2; DB 1; 1 Similarity 83.3%; Pred. No. 1.6e+03; 15; Conservative 0: Miamatahan
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                                                                                                                                                                                                                                                                                                                                                                                     US/07/889,651
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Pred. No. 1.6e+03
                                   DB 1; Length 20;
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Best Local Matches

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Gaps

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US-07-890-719-2/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F.; BREAKEFIELD,
APPLICANT: XANDRA O.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: EUGENE C. RZUCIDLO
REGISTRATION NUMBER: 31,900
REFERENCE/DOCKET NUMBER: 1828
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 212-758-4800
TELEPAX: 212-751-6849
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: UNKNOWN MOLECULE TYPE: OLIC HYPOTHETICAL: NO ORIGINAL SOURCE: ORGANISM: HUMAN
                                                                                                                                                     FEATURE:
NAME/KEY: PRIMER SEQUENCE OF HXB LOCUS
LOCATION: CHROMOSOME 9
IDENTIFICATION METHOD:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                   PUBLICATION INFORMATION:
AUTHORS: OZELIUS, L.; SCHUBACK, D.E.; STEFANSSON, K.,
AUTHORS: SLAUGENHAUPT, S.; GUSELLA, J.F.; BREAKEFIELD, X.O.
TITLE: DINUCLEOTIDE REPEAT POLYMORPHISM FOR THE HEXABRACHION
TITLE: GENE (HXB) ON CHROMOSOME 9932-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                HAPLOTYPE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
VOLUME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
                                 JOURNAL:
                                                                                                                                                                                                                                                             ORGANELLE:
                                                                                                                                                                                                                                                                                                                                                               DEVELOPMENTAL STAGE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: NEW YORK
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345 PARK AVENUE
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                                         HUMAN MOLECULAR GENETICS
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US-08-178-606-13/c
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TELEX: 248345
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                          Best
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                                                             Matches
                                                                                        Query Match
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA: US 07
APPLICATION NUMBER: US 07
FILLING DATE: 28-FEB-1991
APPLICATION NUMBER: JP 2-
                                                                                                                                     STRANDEDNESS:
TOPOLOGY: lii
MOLECULE TYPE:
                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 241-1300
                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Svensson, Leonard R.
REGISTRATION NUMBER: 30,330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/178,606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Matsuda, Akio
APPLICANT: Matsuyama, Kenji
TITLE OF INVENTION: AN ACETYLTRANSFERASE GENE-CONTAINING
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
                                                                          Local Similarity
                                                                                                                                                                                                                                                    TELEPHONE: (703) 241-2848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DATE: 1992
DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
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                            3844 CCCAGGCCCCGGTGCCGG 3861
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18
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83.3%; Pred. No. 1.
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Pred. No. 1
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Best Local Similarity
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APPLICATION NUMBER: 07/825,296
FILING DATE: January 23, 1992
APPLICATION NUMBER: 07/46,215
FILING DATE: January 24, 1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Dryja, Thaddeus P.
APPLICANT: Berson, Eliot L.
                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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ZIP: 02110-20v.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
COMPUTER: MS-DDS (Version 5.1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEPAX: (617) 542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PS/2 Model 50Z or 55S:
OPERATING SYSTEM: MS_DOS (Version 5
SOFTWARE: WodDerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/033,081B
FILLING DATB: March 11, 1993
CLASSIFICATION: 435
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc
                                                                                                                                                                                      APPLICANT: burckhardt, jean
TITLE OF INVENTION: Amplification and Detection of Nucleic
TITLE OF INVENTION: Acids in Blood Samples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                        NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00
                                                                           CITY: Nutley
STATE: New Jersey
                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A. ZIP: 02110-2804
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                                                                                                               340 Kingsland Street
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Pred. No. 1.
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US-08-136-811-14/c
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Best Local (
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APPLICATION INDMER: CH 2875/92
PILING DATE: 11-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Rocha, Patricia S.
REGISTRATION UNMER: 31054
REFERENCE/DOCKET NUMBER: 4095/09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (201) 235-350
INFORMATION FOR SEQ ID NO:
                                                                                                            APPLICATION NUMBER: UFILING DATE: Herewith CLASSIFICATION: 514
PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                            ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IST
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Baracchini, Jr., Edgardo and Bennett,
APPLICANT: Clarence Frank
TITLE OF INVENTION: Oligonucleotide Interference with
TITLE OF INVENTION: Multidrug Resistance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                        OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
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                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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Pred. No. 1
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INDIVIDUAL ISOLATE: US-08-031-143B-56
             Query Match
Best Local Similarity
Warches 15; Conserve
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US-08-031-143B-56
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Hest Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: LECNARD, V
APPLICANT: MCBRIDE, C
TITLE OF INVENTION: N
TITLE OF INVENTION: 1
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 56, Application US/08031143B Patent No. 5518880
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                                                                                                                                                                                                                                                                      TELEX: 421792
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/031,143B
FILING DATE: 12-WAR-1993
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION: NAME: WILLIAM S. FEILER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATII
                                                                                                                             ORIGINAL SOURCE:
                                                                                                                                          HYPOTHETICAL: NO ANTI-SENSE: YES
                                                                                                                                                                                     TOPOLOGY: U
                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                              TELEPHONE: 212-758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                     TELEPHONE: 212-751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 26,728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                      DESCRIPTION: OLIGONUCLEOTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3599 GCCTGCTCCCAGGAAGGA 3616
282 CTCTCTCTCTCTTGCT 299
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                                                                                                                                                                                                                             NUCLEIC ACID
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                            Conservative
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                                                                                                                                                                                                                SINGLE
                                       0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         O. WESLEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WARREN J.; NOGUCHI, MASAYUKI;
                                                                                                 IL-2R
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                                       Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
                                                      Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 20;
                            Indels
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RESULT 2216
US-08-474-542A-144
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US-08-474-542A-143/c
                                                                                                                                                                                 Sequence 144, Application US/08474542A Patent No. 5527898
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                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                  GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 143:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PELTY, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9234
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM CO-postible
COMPUTER: IBM CO-pos/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                       APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
                APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
                                                                       APPLICANT:
                                                                                        APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE:
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STREET: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U
ZIP: 07110
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                                                                                                                                                                                                                                                                                                                         4189 GGCTTTGTGTTTTCAGGA 4206
                                                                                                                                                                INFORMATION:
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                                                                                                                                                                                                                                                                                             19 GGCTTTTCCTTTTCAGGA 2
OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     340 Kingsland Street
                                                                   Impraim, Chaka C.
Manos, M. Michele
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Greer, Catherine E.
                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Impraim,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                M. Michel
                                                                                                                                                                                                                                                                                                                                                                                   0.3%;
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                    Length 20;
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US-08-107-684B-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, V.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/107,684B
FILING DATE: 17-AUG-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 31, Application US/08107684B
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COMPUTER: IBM PC COMPACTABLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/474,542A
FILING DATE:
                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIFF & BERRIDGE
STREET: P.O. Box 19928
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: GAYRAL, Jean-Pierre TITLE OF INVENTION: POLYMEPTIDE TITLE OF INVENTION: CHARACTERIS TITLE OF INVENTION: POLYNUCLEOT TITLE OF INVENTION: POLYMETIDE NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: CLEUZIAT, Philippe L.
APPLICANT: AWADE, Abalo
APPLICANT: ROBERT-BAUDOUY, Jeannine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
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ADDRESSEE: Hoffmann-La Roche Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.3%;
Local Similarity 83.3%;
es 15; Conservation
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CITY: Nutley
                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          435
                                                                                                                                                                                                                                                                                                                                                                              POLYPEPTIDES CONTAINING SEQUENCES
CHARACTERISTIC OF PYROLIPONE CARBOXYLYL PEPTIDASES,
POLYNUCLEOTIDES CONTAINING A SEQUENCE CODING FOR SUCH
POLYPEPTIDES, AND THEIR USE, IN PARTICULAR FOR DIAGNOSTIC
                                                                               US/08/107,684B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 144:
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Pred. No. 1.
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                                                                                                                          Version #1.25
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US-07-977-284A-81
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 81, Application US/07977284A Patent No. 5558988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.3%;
Best Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6400
TELEPAX: (703) 836-2787
INFORMATION FOR SEQ ID NO: 31:
                                                              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/0
FILING DATE: 13-NOV-1992
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TOPOLOGY: LINEAR ANTI-SENSE: YES
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LENGTH: 20 base pairs
                                                                                                                                    REFERENCE/DOCKET NUMBER: TO TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U
ZIP: 19103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER:
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                                                NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PA
                                                                                                                       (215) 568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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Baldwin, Clinton
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Williams, Charlene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                   SINGLE
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Pred. No. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
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RESULT 2220
US-08-308-949A-23/c
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                                                                                                                                                                                                                                                 ; TOPOLOGY: LINEAR; ANTI-SENSE; YES
US-07-977-284A-179
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               Sequence 23, Application US/08308949A Patent No. 5580703
                                                                                                                                                                               Best Local Similarity Matches 15; Conserv
                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 179,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           -07-977-284A-179
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Procko
                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: TJI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 179:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDERfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                 TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/0 FILING DATE: 13-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                    ENGTH:
                                                                                                                                         4061 CAGGACTGCCATGCAGTG 4078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1291 TEGTETCCAAGCTCAGCC 1308
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                                                                                                                  CAGGTCAGCCATTCAGTG 19
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Williams, Charlene J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Hopkinson, Ian
Ahmad, Nilofer Nina
Ahmad, Nilofer Nina
COMPONIEST OF DETECTING A GENETIC
VENTION: METHODS OF DETECTING A GENETIC
                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ritvaniemi, Pert
Baldwin, Clinton
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Pred. No. 1.6e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 13.2; DB 1;
Pred. No. 1.6e+03;
                                                                                                                                                                                  Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1;
                                                                                                                                                                                                                  DB 1;
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                                                                                                                                                                                                                                                                                                                                        Sequence 263, Application US/08222177A Patent No. 5582979
GENERAL INFORMATION:
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Best Local Similarity
               ZIP: 53717-1914
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPUTER:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/308
FILING DATE: September 20, 19
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/947,12
FILING DATE: September 27, 19
ATTORNEY/AGENT INFORMATION:
NAME: Carroll, Alice 0.
REFERENCE/DOCKET NUMBER: ACC9
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-661-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 617-861-624
TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: 1i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Berns, Kenneth I.

APPLICANT: Linden, Ralph M.

TITLE OF INVENTION: Human Adeno-Associated Virus Integration
TITLE OF INVENTION: Site DNA and Uses Thereof
                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ro
                                                                                                                                                                                                                                                                                   APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH
TITLE OF INVENTION: (dC-dA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: Two Mil:
CITY: Lexington
                                                                                                                                                                                                          ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                COUNTRY:
                                                                                                                                                                        STATE:
APPLICATION NUMBER:
                                                                                                                                                                                          CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3494 CCTGGGGAAGAACGCAGG 3511
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    20 base pairs
nucleic acid

                                                                                                                                                                    Wisconsin
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September 20, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Robert M.
                                                                                                                                                                                                                                                                                     LENGTH POLYMORPHISMS IN (dC-dA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       07/947,127
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1992
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                                   Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .6e+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6, Application US/08406635 Patent No. 5599674
                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/100,738
PILING DATE: 29-UUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 45119-20001.00
TELECOMPUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                    ZIP: 94304-1018

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                            STREET: YOU CITY: Palo Alto CITY: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: PENA, SERGIO D.J.
APPLICANT: SIMPSON, ANDREW J.G.
TITLE OF INVENTION: METHOD FOR RECOGNITION OF THE NUCLEOTIDE
TITLE OF INVENTION: SEQUENCE OF A PURIFIED DNA SEGMENT
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLONE: mfd75p1
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APPLICATION NUMBER:
FILING DATE: 21-APP
                     TELEFAX: 15-
                                   TELEPHONE: (415) 494-0792
                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/406,635 FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                755 Page Mill Road
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Pred. No. 1.6e+03;
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US-08-242-403A-74
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                                                       Matches
                                                                                    Query Match
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Patent No. 5
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                                                                                                                                                                                                                                                             SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242
FILING DATE: MAY 13, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5370
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/937-4884
                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Leckie.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Materials and Methods for the Detection TITLE OF INVENTION: Mycobacteria tuberculosis NUMBER OF SEQUENCES: 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            V Match 0.3%;
Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Abbott Laboratories STREET: One Abbott Park Road CITY: Abbott Park
                                                                     Local
                                                                                                                                             TOPOLOGY:
                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                        LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                  4190 GCTTTGTGTTTTCAGGAA 4207
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                                                       l Similarity
15; Conserv
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                                                                                                                                                                       nucleic acid
 GCTGTGAGTTTTCACGAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Illinois
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                                                                                                                                                                                        20 base pairs
                                                                                                                                                                                                                                                  708/938-2623
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                                                     0.3%; Score 13.2; llarity 83.3%; Pred. No. 1 Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Manlove, M. T. Solomon, N. A.
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Semple-Facey,
                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                           E: Floppy disk
IBM PC compatible
SYSTEM: PCDOS/MSDOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Leckie,
                                                                                                                               Synthetic DNA
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18
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Pred. No. 1.
                                                        Mismatches
                                                                     .6e+03;
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                                                                                    DB 1;
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                                                                                 Length 20;
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                                                        Indels
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                                                       Gaps
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US-08-435-529-27 is-o8-435-529-27 ; Sequence 27, Application US/08435529 ; Patent No. 5635354

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US-08-457-648-143/c
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/084
FILING DATE: 09-JUL-193
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, NO. 5635354man F
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-
TELEPHONE: (703) 413-200
TELEPHONE: (703) 413-220
TELEPAS: (703) 413-220
TELEPAS: 24885 OPAT UR
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                Sequence 143, Patent No. 56:
                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                           APPLICANT: Greer, Catherine E.
APPLICANT: Impraim, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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STREET: Nutley
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TOPOLOGY: unl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       i: 20 base pairs
nucleic acid
DEDNESS: unknown
                                                                                                                                                                                                                                                                13, Application US/08457648
5639871
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1755 S. Jefferson Davis Highway, Suite 400
                            340 Kingsland Street
                                                                                                                                                                    Gravitt, Patti E.
Greer, Catherine E.
Impraim, Chaka C.
                                                                                                                                                                                                                          Bauer, Heidi M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                KOURILSKY, PHILIPPE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      METHOD FOR DESCRIBING THE REPERTOIRES OF ANTIBODIES (Ab) AND OF T-CELL RECEPTORS (TCR) OF AN INDIVIDUAL'S IMMUNE SYSTEM
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Pred. No. 1.
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; TOPOLOGY: linear; MOLECULE TYPE: DNA (genomic) US-08-457-648-143
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US-08-457-648-144
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Best Local Similarity 83.3%;
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9205
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9205
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                  COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648
                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                    STATE: New Jersey COUNTRY: U.S.A. ZIP: 07110
                                                                                                                                                                                                                                                                                                                                          STREET: 340 |
CITY: Nutley
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                FILING DATE:
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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Greer, Catherine E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Impraim, Chaka C.
Manos, M. Michele
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                                                                                                                                                                                                                                                 Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Chaka C.
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Pred. No. 1
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RESULT 2228
US-08-335-116A-5/c
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US-08-158-189-48
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                                                                                                                                        Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                  TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                   NAME: JOHNSON, Philip S.
REGISTRATION NUMBER: 27,200
REFERENCE/DOCKET NUMBER: CH-0219
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/888,232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5641497ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Bevins, Charles L.
APPLICANT: Jones, Douglas E.
TITLE OF INVENTION: Gastrointestinal Defensin Peptides,
TITLE OF INVENTION: cDNA Sequences, Methods for Production and Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA (genomic)
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                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION: 435
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                                                                                                                                                                                                                              TOPOLOGY:
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                                                                                                                                                                                                                                                                               ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4189 GGCTTTGTGTTTTTCAGGA 4206
                                                                                                      5002 TCTCCAGCCTGGCTGCCA 5019
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                                                                     TCGCCATCCTTGCTGCCA 18
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                                                                                                                                                                                                                                                                             20 base pairs
                                                                                                                                                                                                                                                                                                                                      215-568-3439
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                                                                                                                                                                                                                              unknown
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Pred. No. 1.6e
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                                                                                                                                                         Score 13.2;
Pred. No. 1.
                                                                                                                                        Mismatches
                                                                                                                                                       1.6e+03;
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Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                               Sequence 9, Application US/08290936
Patent No. 5656743
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (415) 857-0663
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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ZIP: 94044
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MG
MEDIUM TYPE: 15M PS/2 Model 50Z or 55SX
COMPUTER: IBM PS/2 Model 50Z or 55SX
COMPUTER: MS-DOS (Version 5.0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NERAL INFORMATION:
APPLICANT: Barbara Dunn
APPLICANT: Theodore K. Choi
TITLE OF INVENTION: METHODS FOR MAKING RECOMBINANT YEAST
TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES
              SOFTWARE: WORDPERFECT 5.0 CURRENT APPLICATION DATA:
                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                              APPLICANT: Busch et al.
TITLE OF INVENTION: OLIGONUCLEOTIDITITLE OF INVENTION: OF CELL GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Richard L. Neeley
REGISTRATION NUMBER: 30,
                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: GE
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
                             COMPUTER: IBM PS/2
OPERATING SYSTEM: I
SOFTWARE: WORDPERFI
APPLICATION NUMBER: US/08/290,936
                                                                                                                      COUNTRY: U
                                                                                                                                                                        STREET: One Libert
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                                                                                                                                                                                                          ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5656743ris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
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STREET: Fourth Floor
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California
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                                                                                  Diskette, 3.5 inch, 1.44 Mb stor
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Pred. No. 1
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Best Local Similarity
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                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00754
FILING DATE: January 27, 1993
APPLICATION NUMBER: 07/841,660
FILING DATE: February 19, 1992
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell and Rebecca L. Ral
REGISTRATION NUMBER: 28,937 and 35,152
BEFERENCE/DOVET NUMBER: 28,937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (215) 568-310
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: (
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                    COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA: NS/08/290,936
FILING DATE: NO. 5656743ember 18,
CLASSIFICATION: 435
                                                  REFERENCE/DOCKET NUMBER: BAY-0032 TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: BATTELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION TITLE OF INVENTION: OF CELL GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANTI-SENSE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: One Liberty CITY: Philadelphia
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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ADDRESSEE: Mackiewicz & No. 5656743ris
STREET: One Liberty Place - 46th Floor
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                                   (215)
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                                 568-3439
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Pred. No. 1.6e+03;
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US-08-379-072A-7/c
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                                          Best Loc
Matches
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                                                                      Query Match
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                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 25-JAN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/912,292
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/856,281
FILING DATE: 23-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/735,064
PRIOR APPLICATION NUMBER: US 07/735,064
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APPLICANT: NEWMAN
                                                                                                                                                                                                                          TELEFAX: (703) 836-2021 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379.072A
FILTING DATA:
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TOPOLOGY: lir
ANTI-SENSE: no
                                                                                                                         STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA (ger
                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                          FILING DATE: 25-JUL-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: HANNA, Nabil
APPLICANT: RAAB, Ronald W.
TITLE OF INVENTION: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY
NUMBER OF SEQUENCES: 20
                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (703) 836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                      Local Similarity
                                                                                                                                                                                                                                                                                          NAME: Rea, Teresa Stanel REGISTRATION NUMBER: 30, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: United ZIP: 22313-1404
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3241 TCAACCCCAACTACATGG 3258
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f: United States
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                                          Conservative
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D. Box 1404
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Pred. No. 1
                                                        Score 13.2;
Pred. No. 1
                                          Mismatches
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                                          Indels
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                                                                                                       Sequence 8, Application US/08547182
Patent No. 5672694
GENERAL INFORMATION:
APPLICANT: Compbell, Kevin P.
APPLICANT: Lim, Leland
                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                       Query Match 0.3%;
Best Local Similarity 83.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: FARTELL Kevin M.
REGISTRATION NUMBER: 35,505
REFERENCE/DOCKET NUMBER: UIRF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 207-363-0558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION: APPLICANT: Campbe
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Fardeau, Michel
APPLICANT: Jackson, Charles E.
TITLE OF INVENTION: -SARCOGLYCAN NUCLEIC ACID SEQUENCE,
TITLE OF INVENTION: DELETERIOUS MUTATIONS AND APPLICATIONS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSE: Kevin M. Farrell
STREET: P.O. Box 999
CITY: YORK Harbor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/547,182
FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                          APPLICANT:
APPLICANT:
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MEDIUM TYPE: Floppy disk
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                                           APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH:
                                                                                                                                                                                                                                                                                         5256 TTGTGCCTTTCTTAAAAA 5273
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Broux, Odile
Tome, Fernando M.S.
Fardeau, Michel
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Sunada, Yoshihide
                                                                        Duclos, Franck
Sunada, Yoshihide
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                                                      Jacques S.
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 53, Application US/08478039 Patent No. 5681722
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Best Local Similarity 83.3%;
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                                                                                                                                                                                                                                                                                        APPLICANT: Newman, Roland A.
APPLICANT: Hanna, Nabil
APPLICANT: Raab, Ronald W.
TITLE OF INVENTION: Recombinant Antibodies for Human Therapy
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
                                                                                         ZIP: 2313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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NAME: Farrell, Kevin M.
REGISTRATION NUMBER: 35,5
REFERENCE/DOCKET NUMBER:
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CORRESPONDENCE Kevin M. Farrell
ADDRESSEE: Kevin M. Farrell
STREET: P.O. Box 999
APPLICATION NUMBER: US/01
FILING DATE: 07-UUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 01
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARB: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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LENGTH: 20 base pairs
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                                                                                                                                                                                                                                   CITY: Alexandria
STATE: VA
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CLASSIFICATION: 435
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STRANDEDNESS: doub
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207-363-0528
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DELETERIOUS MUTATIONS AND APPLICATIONS
                                                                      US/08/478,039
   US 08/379,072
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Pred. No. 1
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Matches 15; Conserv
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Best Local (
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Patent No. 5683872
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TELEPAX: 703-836-2021
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Trucco, Mass
TITLE OF INVENTION: Pol
TITLE OF INVENTION: As
TITLE OF INVENTION: Dot
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Prederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOPTWARE: ASCII
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 25-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Teskin Esq., Robin L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 23-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/735,064
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TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US 07/856,281
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PREPRENCE/DOCKET NUMBER: 012712-160
                                                                                                                                             APPLICATION NUMBER: FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: sing
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ilarity 83.3%;
Conservative
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10-JUL-1992
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NUMBER:
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Polymers of Oligonucleotide Probes
As The Bound Ligands For Use In Reverse
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Pred. No. 1.6e+03;
0; Mismatches 3
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                      APPLICATION NUMBER: US/08/379,072A
FILING DATE: 25-JAN-1995
APPLICATION NUMBER: US 07/912,292
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/856,281
FILING DATE: 23-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/735,064
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPUTED
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                CLASSIFICATION: 536 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY NUMBER OF SEQUENCES: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PUBLICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
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TELEPHONE: 412/288-3063
                                                                                                                                                                                                                                                                                                                                                      CITY: Alexandria STATE: Virginia
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DATE: 1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            145 ACTTCAGCTGCCACTGGA 162
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1 Similarity 83.3%;
15; Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                 P.O. Box 1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                  HANNA, Nauta
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Sasazuki, T.
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                                                                                                                                                                                                                                                                                                                                    United States
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linear
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                                                                                                                                                                                                                                                                                                                                                                                                 Burns,
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              25-JUL-1991
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                                                                                                                                                                                                                                           Release #1.0, Version #1.30
                                                                                                                                                                                                              US/08/481,869
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Pred. No. 1
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US-08-462-305-15
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US-08-462-305-15/c
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                                                             Query Match
Best Local Similarity
Matches 15; Conserv
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Sequence 15, Appa-
Sequence 15, Appa-
No. 5696248
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                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, \
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,305
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (703) 836-20 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: HOTELECOMMUNICATION INFORMATION: 513-948-7183
                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Payne, T. Helen
REGISTRATION NUMBER: 36,8
                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                           TYPE: nucleace STRANDEDNESS: TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Peyman, Anuschirwan
APPLICANT: Uhlmann, Eugen
APPLICANT: Carolus, Carolin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEPHONE: (703) 836-2021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity hes 15; Conserva
                                                                                                                                                                                                                                                      TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Cincinnati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 30, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                              LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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                                                                                                                                                                        l: 20 base pairs
nucleic acid
    TGGGAGGCCAAGGCGGGT 2
                             TGTGAGGCCAAGGAGGTT 938
                                                                                                                                     TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ohio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/08462305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Hoechst Marion Roussel, Inc. 2110 E. Galbraith Road, P.O. Box 156300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Carolus, Carolin
NVENTION: 3'-Modified Oligonucleotide Derivatives
                                                                                                                                                                                                                                                       513-948-7960 or 4681
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                                                             Conservative
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83.3%;
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                                                                       Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.
                                                               Mismatches
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                                                                                                      RESULT 2239
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GENERAL INFORMATION:
APPLICANT: Monfort
APPLICANT: Becker,
APPLICANT: Shaler,
                                                       Sequence 3, Application US/08445751A Patent No. 5700642
                                                                                                                                                                                                            Matches
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US-08-445-751A-2
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                                                                              Query Match
Best Local 9
                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 415-324-0960 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA
HYPOTHETICAL: YES
ANTI-SENSE: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, SUBENT T.
REGISTRATION NUMBER: 38,443
REFERENCE/DOCKET NUMBER: 82.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/445,751A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                     NAME/KEY: misc feature LOCATION: 16..17
OTHER INFORMATION: /note OTHER INFORMATION: regit
                                                                                                                                                                                                                                                                                                          TYPE: nucleic
STRANDEDNESS:
TOPOLOGY: lin
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                                                                            Local
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                               4827 CTCCAGTGGAGAGATCTG 4844
                                                            1 Similarity
15; Conserv
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                                                                                                                                                                                                                                                                                                                            TH: 20 base pairs nucleic acid DEDNESS: single
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CTCCTGTGGAGAACTCTG 19
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                                                              Conservative
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                                                                                                                                                                                                                                                                                                                  linear
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O. Box 60850
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                                                                           0.3%;
                                                                                                                                                                                                                                                                                                (genomic)
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                                                                                                                                       /note= "primer containing a first
region with an immobilization attachment site, a
cleavable site "X" between nucleotides 16 and 17
                                                                                                                                                                                                                                 Immobilized cleavable 20-mer primer
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                                                            0,
                                                                            Score 13.2;
Pred. No. 1
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                                                              Mismatches
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                                                                            6e+03
                                                                                             DB 1;
                                                                                         Length 20
                                                              Indels
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                                                          Gaps
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Monforte, Joseph A. Becker, Christopher H. Shaler, Thomas A.

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                                                                                                                                                                                                                                                                                                                                                                              US-08-089-996-8
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INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                        Sequence 8, Application US/08089996 Patent No. 5703054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL: Y
ANTI-SENSE: NO
ORIGINAL SOURCE:
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 82
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-324-0880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/445,751A
FILING DATE: 22-MAY-1995
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                    APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
TITLE OF INVENTION: Kinase C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Evans, Susan T.
REGISTRATION NUMBER: 38,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 6
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MEDIUM TYPE: Floppy disk
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CITY: Palo Alto
STATE: Ca
                                                                                                                                                          STREET: One Liberty CITY: Philadelphia
                                                                                                                          COUNTRY:
                                                                                                                                                                                              ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5703054ris
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                                                                                                                                                                              One Liberty Place - 46th Floor
                                                                                                                            USA
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Pred. No. 1.6e+03;
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US-08-389-067-10
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 10,
                                                                                                                     APPLICATION NUMBER: US/08/389,067
FILING DATE:
CLASSIFICATION: 435
CRISSIFICATION DATA:
APPLICATION NUMBER: US 08/070,729
FILING DATE: 02-JUN-193
APPLICATION NUMBER: ES 9201232
FILING DATE: 12-JUN-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 852,852
FILING DATE: MATCh 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: NUNO BARDOSA NOLASCO, Gustavo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
REFERENCE/DOCKET NUMBER: 24,735
REFERENCE/DOCKET NUMBER: FA-1849 (613-54)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 382-0700
TELEFAX: (212) 382-0888
TRIEY. 72607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Ostrolenk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: TORRES PASCUAL, Vicente
TITLE OF INVENTION: PROCEDURE FOR THE DETECTION AND
TITLE OF INVENTION: IDENTIFICATION OF VIRAL AND SUBVIRAL PATHOGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                   NAME: Meilman, Edward A. REGISTRATION NUMBER: 24,
                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 199307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Ostrolenk, Faber, Gerb & Soffen
1180 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DE BLAS BEORLEGUI, Carn
BORJA TOME, Maria Jose
PONS ASCASO, Fernando
                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
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Pred. No. 1.6e+03;
0; Mismatches 3
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                                                                                                                                                                                                                                                                                                                     Version
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US-08-476-349A-53/c

18-08-476-349A-53/c

; Sequence 53, Application US/08476349A

; Patent No. 5750105
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US-08-446-660-11/c
                                                                                                                                                                      Best Loc
Matches
                                                                                                                                                                                     Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                            TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: United States
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy d:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/08/446,660
APPLICATION NUMBER: US/08/446,660
FILING DATE: 26-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 57233280 No. 5723328disk of No. 5723328th America, Inc. STREET: 405 Lexington Avenue, 64th Floor
                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kauppinen, Markus S
APPLICANT: Christgau, Stephan
TITLE OF INVENTION: AN ENZYME WITH ENDOGLUCANASE ACTIVITY
NUMBER OF SEQUENCES: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kofed, Lene V
                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 3950.204-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: New York
STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
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                                                                                                                                     1874 CCTGAGTGAGAAGGAGTG 1891
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                                                                                                                                                                                                                                                                                                        20 base pairs
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                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                          linear
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                                                                                                                                                                                     Score 13.2;
Pred. No. 1.
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Pred. No. 1.6e+03;
                                                                                                                                                                      Mismatches
                                                                                                                                                                                     1.6e+03;
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                                                                                                                                                                                                     DB 1;
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Sequence 3, Application US/08476237 Patent No. 5756096

GENERAL INFORMATION:
APPLICANT: HAWMAN, Roland
APPLICANT: HAWNA, Nabil
APPLICANT: RAAB, Ronald W.

Roland A.

TITLE OF INVENTION: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY NUMBER OF SEQUENCES: 16

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US-08-476-237-3/c
               RESULT 2244
                                                                                                                                                                                                                                                       US-08-476-349A-53
                                                                                                                                                                   Matches
                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PILING DATE: 25-JAN-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/912,292
FILING DATE: 10-JUL-1992

FILING DATE: 10-JUL-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/856,281
FILING DATE: 23-MAR-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/735,064
FILING DATE: 25-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Teskin Esq., Robin L.
REGISTRATION NUMBER: 012712-161
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO:
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APPLICANT: Newman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PATENTIN Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/476,349A FILING DATE: 07-JUN-1995 CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/379,072
                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: cDN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Newman, Roland APPLICANT: Hanna, Nabil APPLICANT: Raab, Ronald W.
                                                                                                                                                                                                                                                                                               POSITION IN GENOME:
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                                                                                                                                                                                                                                                                                                                 ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                     Local
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                                                                                                                                                                                                                                                                       CHROMOSOME/SEGMENT:
                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH:
                                                                                                                       3241 TCAACCCCAACTACATGG 3258
                                                                               18 TCAGCCCAAACTCCATGG
                                                                                                                                                                 l Similarity
15; Conserv
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                                                                                                                                                               0.3%; Score 13.2; DB 1; larity 83.3%; Pred. No. 1.6e+03; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 15,
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Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/73
FILING DATE: 25-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REGISTRATION NUMBER: 35,030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 0: FILING DATE: 23-MAR-1992 PRIOR APPLICATION DATA:
                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
STREET: 419 Seventh Street N.W., Suite
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
             SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                          TITLE OF INVENTION: HYPERTHERMOSTABLE PROTEASE GENE NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: MITTA, Masanori
                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0
                                                                                                                                                               CITY: Washington STATE: D.C.
APPLICATION NUMBER:
                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: United ZIP: 22313-1404
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
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                                                                                                                             20004
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15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/08750532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         P.O. Box 1404
                                                                                                                                                                                                                                                                                                                                 YAMAMOTO, Katsuhiko
MORISHITA, Mio
ASADA, Kiyozo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     United States
                                                                                                                                              United States of America
                                                                                                                                                                                                                                                                                                                TSUNASAWA, Susumu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                 Ikunoshin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.3%; Score 13.2; DB 1; Length 20; 83.3%; Pred. No. 1.6e+03;
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US/08/750,532
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                                                                                                                                                                                                      Suite 300
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US-08-630-592-21
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US-08-750-532-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 2246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 21, Application US/08630592 Patent No. 5770432
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                      CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J.
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: A595
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 7811989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
            TELEPHONE: (415) 781190
TELEFAX: (415) 3983249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                ZIP: 941114187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PCDOS/MSDOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Nishina, Patsy
APPLICANT: No. 5770432enTrauth, Konrad
APPLICANT: Naggert, Juergen
APPLICANT: No. 5770432th, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: BROWDY, Roger L.
REFERENCE/DOCKET NUMBER: MITTA=1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 13-JUN-1 PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 1
FILING DATE: 05-JUN-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Naggert, Juergen
APPLICANT: No. 5770432th, Michael
TITLE OF INVENTION: Obesity Associated Genes
NUMBER OF SEQUENCES: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 26-JUL-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                 USA
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RESULT 2248
US-08-714-991-21
; Sequence 21, Application US/08714991
; Patent No. 5776762
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                                                                                                                                                               ; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (geno
US-08-531-556-110
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                                                                                                                     Matches
                                                                                                                              Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 110,
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                                                                                                                                                                                                                                   TELEFAX: 608-831-2106
INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Agoulnik, Alexander I
APPLICANT: Kent First, Marijo
APPLICANT: Muallem, Ariege
TITLE OF INVENTION: MALE INFERTII
TITLE OF INVENTION: BATTERY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                   Local Similarity
nes 15; Conserv
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                                                                                   4799 TGGAAGGAGCAGGAAATC 4816
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                                                                     2 TGCAAGTCGCAGGAAATC 19
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5776682
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Pred. No. 1.6e+03;
0; Mismatches 3
                                                                                                                              Score 13.2;
Pred. No. 1.
                                                                                                                    Mismatches
                                                                                                                               1.6e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                                                                                                       DB 1;
                                                                                                                                       Length 20;
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RESULT 2249
US-08-774-128-74
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Sequence 74, Applix
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Leckie,
APPLICANT: Davis,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 415-494-870
TELEFAX: 415-494-8771
TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: NORTH, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                       TITLE OF INVENTION: Materials and Methods for the Detection of INVENTION: Mycobacteria tuberculosis NUMBER OF SEQUENCES: 76 CORRESPONDENCE ADDRESS: ADDRESSE: ADDRESSE: ADDRESSES: ADDRESSES: ADDRESSES: One ADDOLT Laboratories STREET: One ADDALT Park Road CITY: Abbott Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: SHERWOOD, Pamela J.
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: A-:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-494-8700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOPTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: NAGGERT, Juergen
TITLE OF INVENTION: OBESITY ASSOCIATED GENES
NUMBER OF SEQUENCES: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Manlove, M. T. APPLICANT: Solomon, N. A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                             COUNTRY: USA
ZIP: 60064-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT STREET: 4 Embarcadero Center, Suite 3400 CITY: San Francisco Center, Suite 3400 CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CENTER CE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2839 TGGTGAAGTTTGGTGAGA 2856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      N
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Similarity 83.3%;
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                                                                                                                                                                                          Illinois
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/08774128
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Davis, A. H.
Semple-Facey, I. E.
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No. 5776762en-Trauth, Konrad
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 5801154
GENERAL INFORMATION:
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Best Local &
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/136,811
FILING DATE: 10/18/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/628,731
FILING DATE: 04/16/96
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 159H-0208
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Edgardo Baracchini, Jr., C. Frank Bennett
APPLICANT: and Nicholas M. Dean
TITLE OF INVENTION: Oligonucleotide Modulation of Multidrug
TITLE OF INVENTION: Resistance-Associated Protein
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
                                                                                                                                                                                                                                                            COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5370.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/937-4884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/242,403
FILING DATE: May 13, 1994
ATTORNEY/ACENT INFORMATION:
NAME: Thomas D. Brainard
                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                           APPLICATION NUMBER: U
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15; Conserv
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Pred. No. 1
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US-08-628-731-14/c
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                                                        Query Match
Best Local Similarity
Matches 15; Conser
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INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                     NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 151
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                 FILING DATE:
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Oligonucleotide Interference with TITLE OF INVENTION: Multidrug Resistance
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                                                                                                                                               TYPE: Nucleic Acid
STRANDEDNESS: Sing
TOPOLOGY: Linear
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les 15; Conservative
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STRANDEDNESS: Single
TOPOLOGY: Linear
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                          3599 GCCTGCTCCCAGGAAGGA 3616
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                                                                                                                                                                                                                                            (609)
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                                                          Conservative
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                                                                                                                                                               Single
                                                                                                                                                                                                                                          779-8488
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                                                                        Score 13.2;
Pred. No. 1
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Pred. No. 1
                                                           Mismatches
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US-08-639-363-3/c
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                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 15; Conserv
                                                Sequence 3, Application US/08639363 Patent No. 5830655
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                                  GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/639,363
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                      ORIGINAL SOURCE:
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APPLICATION NUMBER: US 08
FILING DATE: 22-MAY-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Oligonuc TITLE OF INVENTION: Primers NUMBER OF SEQUENCES: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Becker, Christopher H.
APPLICANT: Shaler, Thomas A.
APPLICANT: Pollart, Daniel J.
   APPLICANT:
                                                                                                                                                                                                                                                                                                 LOCATION: 16..17
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
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REGISTRATION NUMBER: 38,443
REFERENCE/DOCKET NUMBER: 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 base pairs
Monforte, Joseph A.
Becker, Christopher H.
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region with an immobilization attachment s
cleavable site "x" between nucleotides 16
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Pred. No. 1.6e+03
0; Mismatches
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                                                                                                                                                                                                                                 Sequence 7, Application US/08430813
Patent No. 5830725
                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 415-324-0960
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                    GENERAL INFORMATION:
APPLICANT: No. 5830725an, Garry P.
APPLICANT: Kinsella, Todd
TITLE OF INVENTION: RAPID, STABLE HIGH-TITRE PRODUCTION
TITLE OF INVENTION: RECOMBINANT RETROVIRUS
NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/
FILING DATE: 22-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: EVAND, SUBAN T.
REGISTRATION NUMBER: 38,44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL: YES
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
INDIVIDUAL ISOLATE:
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
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                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                               COUNTRY:
                                                                 STATE:
                                                                                            STREET:
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
TOPOLOGY: lir
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                                                                                                              ADDRESSEE:
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                                                                               San Francisco
                                                              California
                                                                                            4 Embarcadero
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                                                 USA
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Pred. No. 1.6e
0; Mismatches
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                                                                                              TEST, ALBRITTON & HERBERT
er, Suite 3400
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US-08-257-963B-18/c
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REFERENCE/DOCKET NUMBER: A-60838/TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 494-8700
TELEPHONE: (415) 494-8771
TELEPA: 910 277299
INFORMATION FOR SEQ ID NO: 7:
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Best Local Similarity 83.3%;
Matches 15; Conservation
REGISTRATION NUMBER: 36434
REFERENCE/DOCKET NUMBER: 2026.
TELECOMMUNICATION: INFORMATION:
TELEPHONE: (212) 758-4800
TELEPAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 18:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 18, Application US/08257963B Patent No. 5840686
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Chader,
                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC COMPACTABLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Chader, Gerald J.; Becerra, APPLICANT: Patricia; Schwartz, Joan P.; APPLICANT: Taniwaki, Takayuki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
                                                                                                             APPLICATION NUMBER: 07/952,796
FILING DATE: 24-SEPT-1992
ATTORNEY/ACENT INFORMATION:
NAME: DOROTHY R. AUTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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                                                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                New York
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345 Park Avenue
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DERIVED FACTOR: CHARACTERIZATION OF ITS NOVEL
BIOLOGICAL ACTIVITY AND SEQUENCES ENCODING
AND EXPRESSING THE PROTEIN
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Pred. No. 1.6e+03;
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Sequence 11, Application US/08457273B

Patent No. 5849995

GENERAL INFORMATION:
APPLICANT: Hayden, Michael
APPLICANT: Lin, Blaoyang
APPLICANT: Nasir, Jamal
TITLE OF INVENTION: Mouse Model for Huntingt.
TITLE OF INVENTION: Related DNA Sequences
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Virginia Bennett
STREET: PO Box 37428
CITY: Raleich
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                                             Matches
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                                                                           Query Match
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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LENGTH: 20 Base Pairs
TYPE: Nucleic Acid
STRANDEDNESS: Unknown
                                                                                                                                                                                                                                                      NAME: Bennett, Virginia C.
REGISTRATION NUMBER: 37,092
REFERENCE/DOCKET NUMBER: 3477-85A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-854-1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 27627
COMPUTER READABLE FORM:
                                                                                                                            MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
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CITY: Raleigh
COUNTRY: No. 5849995th Carolina
                                                          Local Similarity
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OTHER INFORMATION: primer in a polymerase
OTHER INFORMATION: chain reaction
                                                                                                                                           STRANDEDNESS:
TOPOLOGY: lin
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3186 TGGGAAGTCACTAGCAGG 3203
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                                                                                                                                           linear
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                                                            Score 13.2;
Pred. No. 1.
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Pred. No. 1.
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                                               Mismatches
                                                              1.6e+03;
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                                                                                                                                                                                                                    Sequence 487, Application US/08117952 Patent No. 5851760
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Best Local Similarity
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                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: 941 9423
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
STREET: 444 CITY: LOS Angeles
                                                                                                                  APPLICANT: Evans, Glen A.

APPLICANT: Smith, Michael W.

TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                                                                                  NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE SAMPLED MAPS OF COMPLEX GENOMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STREET: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/0 FILING DATE: 07-SEP-1993
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                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
                                                                                                                                                                                                                                                                                                                                                               1765 CCAAGAAGATCACGTCCT 1782
                                                                                                                                                                                                                                                                                                                              20 CCAAGATGATCAGGCCCT 3
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                                          .B: Pretty, Schroeder, Brueggemaιμι α
444 South Flower Street, Suite 2000
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444 South Flower Street, Suite 2000
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                                                               Schroeder, Brueggemann & Clark
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Pred. No. 1.6e
0; Mismatches
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US-08-117-952-627/c
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                                                                                                                 COUNTRY: USA
ZIP: 90071
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 627, Application US/08117952 Patent No. 5851760
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FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE NO SENSE: NO
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Evans, Glen A. APPLICANT: Smith, Michael W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENTITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                        CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: sing
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                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark STREET: 444 South Flower Street, Suite 2000
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USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                     METHOD FOR GENERATION OF SEQUENCE
                                                                        US 08/078,471
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Pred. No. 1
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US-08-117-952-627
Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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INFORMATION FOR SEQ ID NO:
                                                                 MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
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LENGTH: 20 base pairs
TYPE: nucleic acid
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MEDIUM TYPE: Floppy disk
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ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PPLICANT: Evans, Glen A.

PPLICANT: Smith, Michael W.

ITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE

ITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
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REFERENCE/DOCKET NUMBER: P41 9423
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                                                                                                                                                   TYPE: nucleic acid
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0.3%;
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Pred. No. 1.6e+03;
Score 13.2; DB 1;
Pred. No. 1.6e+03;
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                 Length 20;
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                                                                                   Query Match
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                                                         Matches
                                                                       Best
                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 01-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DK 081
FILING DATE: 06-UUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 95/
FILING DATE: 19-JAN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                             TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO:
                                                                                                                              MOLECULE TYPE: C
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Aspe
                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US
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STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                       Local
                                                                                                                                                                                                                    STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                    NAME: Lambiris, Eli.
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 10174-6401
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No. 5854050
                           841 ACGACCCTGAGGAGGACA 858
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                                                                       Similarity
                                                                                                                                                                                                                              : 20 base pairs
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Nielsen, Jack B.
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                                                         Conservative
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Andersen, Lene N.
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                                                                                                                              Aspergillus aculeatus
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                                                                       83.3%;
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                                                                       Score 13.2;
Pred. No. 1.
                                                         Mismatches
                                                                       1.6e+03
                                                                                     DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         u
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                                                                                   Length 20;
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                                                                                                                                                                                                                              Sequence 41, Application US/08173489C Patent No. 5861244
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                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: WANG, C.
APPLICANT: HEPBURN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (202) 659-14 INFORMATION FOR SEQ ID NO:
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APPLICANT: Nakamura, T
TITLE OF INVENTION: OI
TITLE OF INVENTION: AI
TITLE OF INVENTION: HI
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MOLECULE TYPE:
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LENGTH: 20 base pairs
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APPLICATION NUMBER: JP 2-
FILING DATE: 12-JUN-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA: APPLICATION UMBER: US/08/470,426 FILING DATE: 06-UUN-1995 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
COMPUTER READABLE FORM:
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                                                                                                              CORRESPONDENCE ADDRESS
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                                                                                                                               UMBER OF SEQUENCES:
                                                                                                                                               ITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 20,531
REFERENCE/DOCKET NUMBER: 06/59-47083.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Weilacher, Robert G. REGISTRATION NUMBER: 20,53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                           COUNTRY:
                                                                 CITY: NEW YORK
                                                                               ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC., STREET: 510 EAST 73RD STREET,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE:
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o. 5856458
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15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              nucleic acid
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1850 M Street, N.W., Suite 800
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                               USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            unknown
E: DNA (genomic)
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Pred. No. 1.
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RELEVANT RESIDUES IN SEQ ID NO: US-08-173-489C-41
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                                                                 Matches
                                                                                               Query Match
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TELEFAX: (attorney) (2:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PUBLICATION INFORMATION:

AUTHORS: Koenig, M, Hoffman, E P, Bertelson, C J.

AUTHORS: Monaco, A P, Feener, C, Kunkel, L M.

TITLE: Complete cloning of the

TITLE: Duchenne muscular dystrophy (DMD) cDNA and

TITLE: preliminary genomic organization of the DMD
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REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 0
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: Genomic DNA
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COMPUTER: IE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: MS-DOS version 6.2
                                                               Local Similarity
les 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CHROMOSOME/SEGMENT: X-chromosome MAP POSITION: Xp21.3-p21.1
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                                                                                                                                                                                                                                           TITLE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: Nucleic Acid
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                                                                                                                                                                                                                                                                           AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                        AUTHORS: Hoffman
AUTHORS: Kunkel,
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                               274 CTCTCTTTCTCTCTCTCT 291
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The complete sequence of
dystrophin predicts a rod-shaped cytoskeletal
protein
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attorney) (212)
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Pred. No. 1.6e+03;
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                                                               Mismatches
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Kunkel, L M.
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                                                                        Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
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APPLICANT: WANG, C.
APPLICANT: HEPBURN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (attorney) (2:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
STRANDEDNESS:
TOPOLOGY: linear
TOPOLOGY: linear
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: 238 rRNA gene from Leptospira
DESCRIPTION: interrogans (Accession # X14249) nucleotides
DESCRIPTION: 1295 to 1314
                                                                                                                                                                                                                                            STRAIN: moulton
PUBLICATION INFORMATION:
AUTHORS: Fukunga, M, Horie, I, Mifuchi, I.
TITLE: Nucleotide sequence of a 23s
TITLE: ribosomal RNA gene for Leptospira interrogans
TITLE: serovar canicola strain moulton
JOURNAL: Nucleic Acids Research
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MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA
APPLICATION NUMBER: US/08/173,489C
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CLASSIFICATION: 435
                                                                                                                                                               PAGES: 2123-2123
DATE: 1989
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: double stranded
                                                                                                                                                                                                                                          JOURNAL:
                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Leptospira interrogans serovar canicola
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CITY: NEW YORK
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GAGGAGTAAGAAATGAAG 19
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                                                                                          Score 13.2; DB 1;
Pred. No. 1.6e+03;
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RESULT 2265 US-08-690-734A-59

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US-08-613-417A-15/c
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                                                                                                             TITLE OF INVENTION: Phosphonomonoester nucleic acids,
TITLE OF INVENTION: process for their preparation, and th
NUMBER OF SEQUENCES: 33
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0. Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/613,417A
FILING DATE:
FILING DATE:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                              Sequence 15, Application US/08613417A Patent No. 5874553
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity 83.3%;
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APPLICANT: Page, David
APPLICANT: Reijo, Renee
                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (617) 861-9540 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                            CLASSIFICATION: 514
INFORMATION FOR SEQ ID NO:
                  SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WH
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 22-SEP-1994
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APPLICATION NUMBER: US,
FILING DATE: 31-JUL-199
CLASSIFICATION: 435
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CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM: PC-DOS/MS-DOS
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TYPE: nucleic acid
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STRANDEDNESS:
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Two Militia Drive
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Pred. No. 1.
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US-08-910-629A-32
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                                                                                                                         US-08-910-629A-32
                                                                                                                                                                                                                                                                                                                                      COMPUTER: PENTIUM
COMPUTER: WINDOWS 95
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,
FILING DATE: August 13, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
FILING DATE:
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                                                                           Query Match
Best Local
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                                                             Matches
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL ROBERT A. McKay
APPLICANT: Nicholas M. Dean
APPLICANT: Nicholas M. Dean
APPLICANT: Brett Monia
TITLE OF INVENTION: COMPOSITONS AND METHODS FOR THE MODULATION OF JNK
TITLE OF INVENTION: PROTEINS
                                                                                                                                                                                                                TELEFAX: (609) 779-8488 INFORMATION FOR SEQ ID NO: 32: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 32,257
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEPAY.
                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
                                                                                                                                       TOPOLOGY: Lin
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ANTI-SENSE: Yo
                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                   TYPE: Nucleic Acid
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CITY: Marlton
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                                                                           Similarity
CAGGATGACTTCGGGCGC
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66 East Main Street
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
                                                          Mismatches
                                                                                       DB 1;
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US-08-478-178A-8
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                                                                                                                                                                                                                                                                                                    RESULT 2269
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US-08-478-178A-8
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                                                                                                                                                                                                                                            Sequence 8, Application US/08488177 Patent No. 5885970
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Best Local Similarity 83.3%;
Matches 15; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                    APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: Protein Kinase C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Rebecca Ralph Gaumond REGISTRATION NUMBER: 35,152 REFERENCE/DOCKET NUMBER: 15: TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: herewit CLASSIFICATION: 514 PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,178A
FILING DATE: herewith
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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CORRESPONDENCE ADDRESS:
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COMPUTER READABLE FORM:
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                                             STREET: Une ___
CITY: Philadelphia
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                                                                                ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5885970ris
STREET: One Liberty Place - 46th Floor
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ADDRESSEE: Mackiewicz & No. 5882927ris
STREET: One Liberty Place - 46th Floor
                               COUNTRY:
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VENTION: Oligonucleotide Modulation
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Pred. No. 1.6e
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Best Local Similarity 83.3%;
Matches 15; Conservative
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APPLICATION NUMBER: 852,852
APPLICATION NUMBER: 852,852
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1995
                                                                                                                                                                           COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,072A
FILING DATE: herewith
CLASSIFICATION: 5.4
PRIOR APPLICATION DATA:
ADDITOR THE PRIOR APPLICATION DATA:
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APPLICANT: Nichol
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TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
                                    APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: PC-DOS
SOSTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Nicholas Dean, C. Frank Bennett TITLE OF INVENTION: Oligonucleotide Modulation of TITLE OF INVENTION: Protein
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CORRESPONDENCE ADDRESS:
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                   TELEPHONE:
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ADDRESSEE: Mackiewicz & No. 5916807ris
STREET: One Liberty Place - 46th Floor
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(215) 568-3439
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Pred. No. 1.
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US-08-664-336-8
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US-08-664-336-8
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APPLICANT: Nicholas Deal
TITLE OF INVENTION: Olio
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                        Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 15; Conserv
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Patent No. 5922686
                                                                                                                                                                                                                                 TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 089,996
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: herewith CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: WORDPERFECT CURRENT APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH,
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear ANTI-SENSE: yes
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                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                     TYPE: nucleic acid STRANDEDNESS: singl
                                                                                                                                                                                                                                                                                                            NAME: Paul K. Legaard REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: One Liberty
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5922686ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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                             3209 TCCGTGCAGTGGCTCCAG 3226
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3 TCGGTGCAGTGGCTGGAG 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Nicholas Dean, C. Frank Bennett NYENTION: Oligonucleotide Modulation of Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
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Pred. No. 1.
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Pred. No. 1.
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                                                             Mismatches
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Best Local (
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APPLICANT: Tam, R
                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Fish, Robert D.
REGISTRATION NUMBER: 33,880
REFERENCE/DOCKET NUMBER: 213/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-525-3433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                      CORRESPONDENCE ADDRESS:
CORRESPONDENCE Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: ur
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                        APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: Methods of
NUMBER OF SEQUENCES: 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
                                                                                                                                                                                                             APPLICANT: Ritvaniemi, Pertti
APPLICANT: Baldwin, Clinton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM:
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APPLICANT: Williams, Charlene J.
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                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity hes 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 20 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/529,878B FILING DATE: 13-SEP-1995 CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
                                                             STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Crockett STREET: 3000 S. Augusta Court
                    COUNTRY: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 714-525-3303
                                                                                                                                                                                                                                                                                                                                                                                                                                                      2682 GTTGACAGCCAAGGACAG 2699
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.3%; Score 13.2;
83.3%; Pred. No. 1.
                                                                                                                                        Methods of Detecting A Genetic 293
                                                                                                                                                                                                                                                                                    Darwin J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 179,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: MATK DELICATION
NAME: MATK DELICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                              SOFTWARE: WORDDERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
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CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
US/08/256,426B
                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INC
COMPUTER: IBM COMPACTIBLE
OPERATING SYSTEM: Windows 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
            PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: TOPOLOGY: LINAMITI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: TO TELECOMMUNICATION INFORMATION TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                            STREET: Une __
CITY: Philadelphia
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                                                                                                                                                                                                                            COUNTRY: UZIP: 19103
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                                                                                                                                                                                                                                               USA
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Ala-Kokko, Leena
Williams, Charlene
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                                                                                                                                                                                                                                                                                                                                                                                                        Hopkinson,
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e Liberty Place - 46th Floor
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                                                                                                       US/08/256,426B
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Pred. No. 1.6e+03
0; Mismatches
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US-08-481-066A-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 8, Application US/08481066A Patent No. 5959096
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Fran
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                    TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: 1
                                                                                                                                                        NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,
FILING DATE: March 16, 1:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
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TOPOLOGY: LINEAR
ANTI-SENSE: YES
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FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mark DeLuca
  ANTI-SENSE:
                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                 TYPE: nucleic acid
STRANDEDNESS: singl
                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/481,066A FILING DATE: herewith CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: One Liberty
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5959096ris
STREET: One Liberty Place - 46th Floor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 33,229
                                                                             ENGTH:
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16, 1992
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Pred. No. 1.6e+03;
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Query Match

0.3%;

Score 13.2;

DB 1;

Length 20;

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RESULT 2277
US-08-888-982A-32
US-08-888-982A-32
; Sequence 32, Application US/088889982A
; Patent NO. 5981731
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
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; CELL LINE:
US-08-786-527A-3
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US-08-786-527A-3/c
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Matches 15; Conservative
                                                                                                                                                                                       Matches
                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 713-777-6908 INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Adler, Benjamin A.
REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,527A
FILING DATE: January 21, 1997
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh
                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL:
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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ADDRESSEE: MCGREGOR & ADLER, P.C.
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                                                                                                                                                                                                                                                                                                                                                             ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 713-777-6908
                                                                                                                                                                                                                                                                                                             INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE:
                                                                                                                                                                                                                                                                                                TISSUE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Houston STATE: Texas
                                                                                                                                                                                                                                                                                                                                                                                                       DESCRIPTION:
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Pred. No. 1.
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0; Mismatches 3
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Patent No. 5985609
                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             -08-888-982A-32
                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/250,6 FILING DATE: May 31, 1994 ATTORNEY/AGENT INFORMATION: NAME: Jane Massey Licata REGISTRATION NUMBER: 32,257
                                                                                                      APPLICANT: MOON, HONG-MO
TITLE OF INVENTION: No. 5985609el Process for Preparing Hepatitis C
TITLE OF INVENTION: Virus Envelope Glycoproteins
NUMBER OF SEQUENCES: 18
                                                                                                                                                                   APPLICANT: PARK, Joon-Sang
APPLICANT: KIM, Jung-Seob
APPLICANT: YUN, Yung-Dae
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ANTI-SENSE:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
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OPERATING SYSTEM: WINDOWS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                       APPLICANT:
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MEDIUM TYPE: DISKETT
                                                                                          CORRESPONDENCE ADDRESS:
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         STATE: N
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
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                                              CITY: New York
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                                                                          DDRESSEE:
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                                                           805 Third Avenue
                                                                                                                                                                                                                  MIN, Mi-Kyung
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Yes
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                                                                             Darby
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Pred. No. 1.6e+03;
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                                   APPLICATION NUMBER: US/08/501
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA: none
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licate
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Kevin
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                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCE: CORRESPONDENCE ADDRESS:

NUMBER OF SEQUENCE: Jane Massey Licata, Esq.

NUMBER OF SEQUENCE: Jane Massey Licata, Esq.

NUMBER OF SEQUENCE: 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Hepatitis C virus IMMEDIATE SOURCE: CLONE: SEQ.ID.NO.4
                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kevin Anderson and Lex Cowsert
TITLE OF INVENTION: Antisense Inhibition of Hepatitis
TITLE OF INVENTION: Virus Replication
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                               CURRENT APPLICATION DATA:
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TELEPHONE: (609)
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OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                        STREET: 210 Hand
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REGISTRATION NUMBER: 25
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                             COUNTRY: U
ZIP: 08002
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TELEFAX: 212-753-6237
TELEX: 236687
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
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                       (609)
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                         779-2400
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Pred. No. 1
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                                                              ISPH-0128
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Query Match
Best Local Similarity
Matches 15; Conserva
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                                                   Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 53202-4497

COMPUTER READABLE FOOM:
MEDIUM TYPE; Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/743,637B
FILING DATE: 04-NOV-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/526 840
                                                                                                                            MOLECULE TYPE: DNA (genomic) -08-743-637B-205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                 TELEFAX: (414)277-5591
INFORMATION FOR SEQ ID NO: 205:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: OUELLETTE,
APPLICANT: ROY, Paul
TITLE OF INVENTION: S
TITLE OF INVENTION: F
TITLE OF INVENTION: F
TITLE OF INVENTION: A
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                NAME: BAKER, Jean C.
REGISTRATION NUMBER: 35,433
REFERENCE/DOCKET NUMBER: 850586.90012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 277-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HYPOTHETICAL: N
                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/526,840 FILING DATE: 11-SEP-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: BERGERON, Michel G.
APPLICANT: PICARD, Francois J.
APPLICANT: OUELLETTE, MARC
APPLICANT: ROY, Paul H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
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                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                             STRANDEDNESS: single
                                                                                                                                                                                                TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
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STRANDEDNESS: single
                                                                                                                                                                                                                    ENGTH:
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1665 CAGCTCCTGCAGCAGATG 1682
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                                                                                                                                                                                                                 20 base pairs
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PROBES AND AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND
IDENTIFY COMMON BACTERIAL PATHOGENS AND ASSOCIATED
ANTIBIOTIC RESISTANCE GENES FROM CLINICAL SPECIMENS ...
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                                                                        Score 13.2;
Pred. No. 1.6
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Pred. No. 1.
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                                                       Mismatches
                                                                        ..6e+03;
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                                                                                          DB 1;
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                                                                                      Length 20;
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                                                       Indels
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US-08-480-655-2/c
Sequence 2, Application US/08480655
Patent No. 5998133
GENERAL INFORMATION:
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APPLICANT: F
APPLICANT: F
APPLICANT: F
APPLICANT: I
APPLICANT: I
APPLICANT: I
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Best Local Similarity
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                                                                                                                                                                                                                                                                           Matches
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Vei
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,866
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION NUMBER: US 08/322,766
FILING DATE: 13-OCT-1994
APPLICATION NUMBER: US 08/322,766
FILING DATE: 15-OCT-1994
APPLICATION NUMBER: US 08/136,207
FILING DATE: 15-OCT-1993
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.
DETERMATION MITTERED: 22.055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (703) 816-400
TELEFAX: (703) 816-4100
TELEFAX: 200797 NIXN UR
INFORMATION FOR SEQ ID NO: 1
                  APPLICANT: E
APPLICANT: E
                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: NIXON & V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: DAY, BRIAN J.
APPLICANT: FOLZ, RODNEY J.
APPLICANT: FREEMAN, BRUCE A.
TITLE OF INVENTION: SUPEROXIDE DISMUTASE AND MIMETICS THEREOF
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 32,955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: ARLINGTON STATE: VIRGINIA
                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
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                                                                                                                                                                                                                                   2363 CCAGCTGCTCACAGAGAG 2380
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1100 NORTH GLEBE ROAD
                BLUMENFELD, ANAT; GUSELLA, BREAKEFIELD, XANDRA, O; SLAUGENHAUPT, SUSAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CRAPO, JAMES D. FRIDOVICH, IRWIN
                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                 DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                 single
                                                                                                                                                                                                                                                                                          0.3%; Score 13.2;
83.3%; Pred. No. 1
 USE OF GENETIC MARKERS TO
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                                                      JAMES
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                                                                                                                                                                                                                                                                                                               DB 1;
                                                                                                                                                                                                                                                                                                           Length 20;
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                                                                  Matches
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,655
FILING DATE: 07-JUNE-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 212-751-6849
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                  PUBLICATION INFORMATION:
AUTHORS: OZELIUS, L; SCHUBACK, DE;
AUTHORS: STEFANSSON, K; SLAUGENHAUPT, S;
AUTHORS: GUSELLA, JF; BREAKEFIELD, XO
TITLE: DINUCLEOTIDE REPEAT POLYMORPHISM FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 33,285
REFERENCE/DOCKET NUMBER: 1829-4001US1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/0
FILING DATE: 29-MAY-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: NEW YORK

STATE: NEW YORK

COTY: NEW YORK

STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                Local Similarity 83.
                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: NUCLEIC ACID STRANDEDNESS: SINGLE TOPOLOGY: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: 16-APP
                                                                                                                                               PUBLICATION DATE:
RELEVANT RESIDUES
                                                                                                                                                                                DOCUMENT NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: PRIMER SEQUENCE OF HXB LOCUS LOCATION: CHROMOSOME 9
IDENTIFICATION METHOD:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE:
                                                                                                                                                                                                                                                                                  JOURNAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH:
                               1645 AAAAGAGAGAAGGCTTCT 1662
                                                                                                                                                                                                                   1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            KENNETH H. SONNENFELD
                                                                                                                                                                                                                                                                                                    THE HEXABRACHION GENE (HXB) ON CHROMOSOME 9q32-34
                                                                                                                                                                                                                                                                                    HUMAN MOLECULAR GENETICS
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                                                                                                                                                   IN SEQ ID
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                                                                                0.3%;
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                                                               Score 13.2; DB 1
Pred. No. 1.6e+03
0; Mismatches
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                                                                                                DB 1;
                                                                                              Length 20;
                                                                Indels
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RESULT 2283

ORGANISM: Artificial Sequence

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NUMBER OF SEQ ID NOS: 87
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-289-368-74
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US-09-289-368-30
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US-09-289-368-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-289-368-12/c
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pest Local Similarity 83.3%;
Matches 15; Conservation
                                                                                                                                      GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Elizabeth J. Ackermann
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESS
FILE REFERENCE: RTS-0051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 87
SEQ ID NO 12
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESS
FILE REFERENCE: RTS-0051
                                                                                                                                                                                         Sequence 74, Applic
Patent No. 5998148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 12, Application US/09289368 Patent No. 5998148
                               NUMBER OF SEQ ID NOS:
SEQ ID NO 74
                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/289,368 CURRENT FILING DATE: 1999-04-08
                                                                   CURRENT APPLICATION NUMBER: US/09/289,368
CURRENT FILING DATE: 1999-04-08
                                                                                                       TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN FILE REFERENCE: RTS-0051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/289,368
CURRENT FILING DATE: 1999-04-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              418 GGCGGCAGGTTGCAGTGG
                                                                                                                                                                                                                                                                                                                                         266 CCCCCTCTCTCTTTCT 283
                                                                                                                                                                                                                                                                                                                                                                         0.3%;
1 Similarity 83.3%;
15; Conservation
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                                                                                                                                                                                                                Application US/09289368
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                                                                                                                                            Ackermann
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Pred. No. 1
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Pred. No. 1
                                                                                                                                                                                                                                                                                                                                                                               Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-368-74
Query Match
Best Local Similarity
""" hes 15; Conserva
                                                                                  ; ORIGINAL SOURCE:
; ORGANISM: ABD
US-09-190-982-21
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US-09-190-982-21/c
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                                                                                                                                                                                                   TELEPHONE: 212-867-0123
TELEPAX: 212-878-9655
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 21, Application US/09190982 Patent No. 5998190
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Best Local Similarity 83.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Dalbog
APPLICANT: Christ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                           FILING DATE: 19-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4006.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Dambmann, Claus
TITLE OF INVENTION: An Enzyme with Protease Activity
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 59981900 No. 5998190disk of No. 5998190th America,
STREET: 405 Lexington Avenue, 64th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                      MOLECULE TYPE:
HYPOTHETICAL: 1
ANTI-SENSE: NO
                                                                                                                                    ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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CLASSIFICATION:
                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/190,982
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1877 GAGTGAGAAGGAGTGGCT 1894
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Nielsen, Jack B.
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Andersen, Lene N.
                Conservative
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                              0.3%; Score 13.2; DB 1; 83.3%; Pred. No. 1.6e+03;
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Pred. No. 1.
                 Mismatches
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                                                Length 20;
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                 Indels
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                                                                                                                                                                                                                                                                 US-08-904-901-139/c
                                                                                                                                                                                                    Sequence 139, Application US/08904901 Patent No. 5998383 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.3%; Score 13.2; DB 1
Best Local Similarity . 83.3%; Pred. No. 1.6e+03
Matches 15; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 133, Application US/08904901 Patent No. 5998383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Wright, Jim A.
APPLICANT: Young, Aiping H.
TITLE OF INVENTION: ANTITUTOM ANTISENSE SEQUENCES DIRECTED
TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
NUMBER OF SEQUENCES: 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (248) 539-50
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO:
                                                                                  APPLICANT: Wright, Jim A.
APPLICANT: Young, Aiping H.
APPLICAT: Young, Aiping H.
TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED
TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
NUMBER OF SEQUENCES: 163
CORRESSPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                     STREET:
CITY: F
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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COUNTRY:
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                                                                        ADDRESSEE:
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T: 30500 No. 5998383thwestern Hwy.
Farminton Hills
                             SSEE: KOHN & ASSOCIATES
T: 30500 No. 5998383thwestern Hwy.
Farminton Hills
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                 Michigan
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                         Suite 410
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US-08-904-901-139
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                 APPLICATION NUMBER: US/08/594,452
FILING DATE: 31-JAN-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 195 02 912.7
FILING DATE: 31-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/264/HOCE
TELECHOME: (202)672-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
INFORMATION FOR SEQ ID NO:
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TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: KOHA, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0227.00004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/594,452
                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: PEYMAN, Anuschirwan
APPLICANT: UHLMANN, Eugen
TITLE OF INVENTION: G CAP-STAB
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APPLICATION NUMBER: US/08/904,901
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                   TELEPHONE: (202) 672-5399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: 81
TOPOLOGY: linear
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3: Foley & Lardner
3000 K Street, N.W., Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                        USA
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Pred. No. 1.6e+03;
0; Mismatches 3
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                                                                                                             ; MOLECULE TYPE: US-08-589-939-30
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Best Local Similarity 83.3
                                                      Matches
                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 30, Application US/08589939 Patent No. 6015662
                                                                                                                                                                                                                 TELEFAX: 847-938-2623 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                           NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 58
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-335-1729
                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                    SEQUENCE CHARACTERISTICS LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                                    LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                          STRANDEDNESS: si
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: US
ZIP: 60064-3500
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                                                                  Local
                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
                     1192 TCCCATCCCTGGAGTCTC 1209
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19 TCCCATGGTTGGAGTCTC
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                                                                    Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Abbott Park
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Golden,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ostrow, David H.
                                                   0.3%; Score 13.2; ilarity 83.3%; Pred. No. 1 Conservative 0; Mismatch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Hackett, Jr., John
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                                                                                                                          DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Alan M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REAGENTS FOR USE AS CALIBRATORS CONTROLS
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N
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Pred. No. 1.6e
0; Mismatches
                                                                                                                                                                                                                                                                            5865.US.01
                                                      Mismatches
                                                                  .6e+03
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                                                                                 DB 1;
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                                                                                Length 20;
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                                                      Indels
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WS-08-650-766-8/c US-08-650-766-8/c ; Sequence 8, Application US/08650766D ; Patent No. 6015690

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FILE REFERENCE: Corrected Sequence Listing
Patent No. 6015690
CURRENT APPLICATION NUMBER: US/08/650,766D
CURRENT FILING DATE: 1996-05-20
EARLIER APPLICATION NUMBER: US 60/012,600
EARLIER FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 8
LENGTH: 20
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; ORGANISM: Homo sapiens
US-08-650-766-8
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GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
FILING DATE: 22-FEB-1994
APPLICATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: 1515-1568
REFERENCE/DOCKET NUMBER: 1515-1568
REFERENCE/DOCKET NUMBER: 1515-1568
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APPLICANT: IVANOV, Tina R.

TITLE OF INVENTION: DIA SEQUENCE ENCODING A HUMAN IMIDAZOLINE RECEPTOR AND TITLE OF INVENTION: METHOD FOR CLONING THE SAME
                                                                                                                    TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
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MEDIUM TYPE: DISKETT
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Nicholas
TITLE OF INVENTION:
                                                                                                SEQUENCE CHARACTERISTICS:
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TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 11 CLASSIFICATION:
                                   STRANDEDNESS:
                                                      TYPE: nucleic acid
                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/578,615A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: One Liberty CITY: Philadelphia
                                                                           LENGTH:
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                  linear
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Ollgonucleotide Modulation of Protein KinaseC
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Pred. No. 1.6e+03;
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RESULT 2294
US-08-757-024-808/c
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US-08-742-185-59
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                                                                                                                                                                                                                                TELEFAX: (61/)
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Page, D.
APPLICANT: Reijo, I
APPLICANT: Saxena,
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Best Local Similarity
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APPLICANT: Reeve, Mary Pat
TITLE OF INVENTION: DAZ: A GENE FAMILY ASSOCIATED WITH AZOOSPERMIA
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 08/310,429
FILING DATE: 22-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WHI94-07A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 08/690,734
FILING DATE: 31-JUL-1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/0. FILING DATE: 30-OCT-1996 CLASSIFICATION: 435 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 02173
COMPUTER READABLE FORM:
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Local Similarity 83.3%;
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                                                                                                  4799 TGGAAGGAGCAGGAAATC 4816
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                                                                                                                                0.3%; ilarity 83.3%; Conservative
                                                                                                                                                                                                                                                                                                             (617) 861-9540
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                                                                                                                                                                                                                             single
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Pred. No. 1
                                                                                                                                                   Score 13.2;
Pred. No. 1
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                                                                                                                                  Mismatches
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                                                                                                                                    Gaps
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Sequence 808, Application US/08757024 Patent No. 6025339

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US-08-757-024-821/c
US-08-757-024-821/c
US-08-757-024-821/cation US/08757024
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US-08-757-024-808
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6025339
GENERAL INFORMATION:
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 575102
INFORMATION FOR SEQ ID NO:
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APPLICANT: Nyce,
                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 919-881-3140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 26-NOV-19
CLASSIFICATION: 514
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MEDIUM TYPE: Floppy disk
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NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                 STREET: F.C.
CTTY: Charlotte
CTTY: 6025?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 919-881-3175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Charlotte
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                                                                                                                                                                                                                                                                                    ADDRESSEE:
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P.O. Drawer 34009
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VENTION: METHOD OF TREATMENT FOR ASTHMA
                                                                                                                                                                                                                     USA
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                                                                                                                                                                                                                                                                                     BELL, SELTZER, PARK & GIBSON
                                                                                                                                                                                                                                     6025339th Carolina
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Pred. No. 1.6e+03;
0; Mismatches 3
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                                                                                                                    Version #1.30
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GENERAL INFORMATION:
                                                      Matches
                                                                Query Match
Best Local Similarity
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TELEX: 575102
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 52
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION: NAME: Sibley, Kenneth D.
                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TITLE OF INVENTION: METHOD
NUMBER OF SEQUENCES: 952
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TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
                                                                                                                                                                                           SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
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TELEFAX: 575102
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                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
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                         1701 CAGCCGGAGCCCGACATG 1718
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18 CAGCCTGTGCCCGCCATG
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: nucleic acid
NDEDNESS: single
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No. 6025339th Carolina
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                                                                                                                    DNA (genomic)
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                                                                Score 13.2;
Pred. No. 1
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Pred. No. 1
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US-08-556-965-4
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                      ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: PSTENTIN Release #1.0, Ve
CURRENT APPLICATION DATA:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                  TELEFAX: 202-408-4400 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                ATTORNEY/AGENT INFORMATION: NAME: Johnson, Lori-Ann
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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TITLE OF INVENTION:
                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 202-408-4000
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                          NAME: Johnson, Lori-Ann
REGISTRATION NUMBER: 34,498
REFERENCE/DOCKET NUMBER: 2481.1481-00000
                                                                                                                                                                                                   APPLICATION NUMBER: US/08/578,686C FILING DATE: January 2, 1996 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Finnegan, Henderson, Farabow, ADDRESSEE: Dunner, L.L.P.
STREET: 1300 I. Street, N.W., Suite 700
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                                                                                       TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Washington
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               ENGTH:
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: 20 base pairs nucleic acid
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Preparing The Same And Its Use
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Pred. No. 1.6e+03;
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MOLECULE TYPE: DNA (genomic) US-08-578-686C-14
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US-09-357-071-27/c
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US-08-922-635-7/c
                                                                                                                        ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-071-27
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                                                                                                                                                       NUMBER OF SEQ ID NOS: 47
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 6033871
CURRENT FILING DATE: 1997-09-03
CURRENT FILING DATE: 1997-09-03
EARLIER APPLICATION NUMBER: 08/650,766
EARLIER FILING DATE: 1996-05-20
EARLIER APPLICATION NUMBER: 60/012,600
EARLIER FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: PILETZ, John E.
APPLICANT: IVANOV, Tina R.
APPLICANT: IVANOV, Tina R.
TITLE OF INVENTION: DNA MOLECULES ENCODING IMIDALINE
TITLE OF INVENTION: AND POLYPEPTIDES ENCODED THEREBY
FILE REFERENCE: Corrected Sequence Listing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                     Sequence 27, Application US/09357071 Patent No. 6043091
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Matches 15; Conserv
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Best Local Similarity
                                                                    Query Match
Best Local (
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                                                                                                                                                                                                                                                            TITLE OF INVENTION: ANTISENSE MODULATION OF LIVER GLYCOGEN PHOSPHORYLASE EXPRESSION FILE REFERENCE: RTS-0074 CURRENT APPLICATION NUMBER: US/09/357,071 CURRENT FILING DATE: 1999-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
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2647 CTTCCCAGTTTGTCTCCA 2664
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                                                                    Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03
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Pred. No. 1
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RESULT 2303
US-08-707-743-3
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Sequence 3, Application US/08707743
Patent No. 6063983
GENERAL INFORMATION:
APPLICANT: Georgopoulos, Katia
TITLE OF INVENTION: Monoclonal Lymphocytes and Methods of Use
                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 15
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 38, Application US/09357070

Patent No. 6046049

GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert

TITLE OF INVENTION: ANTISENSE MODULATION OF PI3 KINASE P110 DELTA EXPRESSION
FILE REFERENCE: RTS-0076
                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 6057437 GENERAL INFORMATION:
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LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Kamiya, Kinya
APPLICANT: Matsuda, Yoko
APPLICANT: Matsuda, Yoko
APPLICANT: Uchida, Kiyoshi
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID COMPOUND
FILE REFERENCE: 07898/030001
CURRENT APPLICATION NUMBER: US/09/120,853
CURRENT FILING DATE: 1998-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EARLIER APPLICATION NUMBER: JP 213838/1997 EARLIER FILING DATE: 1997-07-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/357,070
CURRENT FILING DATE: 1999-07-19
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 21 SOFTWARE: Patentin Ver.
                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: Artificial OTHER INFORMATION: nucleic acid sequence
                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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ORGANISM: Artificial Sequence
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                                                                                                                                                                         GGAGGAAGAAGAAGGA 18
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Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1.
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US-08-707-743-3
                                                                                                                                                                                                                                                                                                                                                                      Sequence 14, Application US/08707743 Patent No. 6063983
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (617)227-594
INFORMATION FOR SEQ ID NO:
                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: PC POOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA RE-BASE #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 05-SEPT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Myers, Louis
REGISTON NUMBER: 35,965
REFERENCE/DOCKET NUMBER: MG
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION: (617)227-7400
                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COC
STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                     APPLICANT: Georgopoulos, TITLE OF INVENTION: MONOC NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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STREET: ...
STREET: ...
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                                                                                                                                                                                     COUNTRY: USA
ZIP: 02109-1875
                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                    STATE: Massachusetts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
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nucleic acid
DEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (617)227-5941
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   05-SEPT-1995
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                                                                                                                                                                                                                                                                                                                       Monoclonal Lymphocytes and Methods of Use
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                 60/003,225
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                                                                                                                                                                                                                                                                                                                                        Katia
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Pred. No. 1.6e+03;
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ATTORNEY/AGENT INFORMATION:

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RESULT 2306
US-08-777-266A-34/c
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
Sequence 34, Application US/08777266A Patent No. 6077833
                                                                                                                                                                         Query Match
Best Local S
                                                                                                                                                           Matches
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Patent No. 6066720
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                     PEATURE:
NAME/KEY: exon
LOCATION: 1..20
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Modified oligonucleotides, their properties of INVENTION: and use NUMBER OF SEQUENCES: 30 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO) CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL: NO ANTI-SENSE: YES ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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LENGTH: 20 base pairs
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                         Match 0.3%;
Local Similarity 83.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
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Pred. No. 1.6e+03;
                                                                                                                                                                         Score 13.2; DB 1; Length 20; Pred. No. 1.6e+03;
                                                                                                                                                           Mismatches
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                                                                                                                                                          Gaps
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US-08-777-266A-67/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Clarence F1
APPLICANT: Timothy A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (609) 779-84
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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APPLICANT: Timothy A. Vickers
TITLE OF INVENTION: Oligonuclectide Compositions and
TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
                                                                                                                                                                                                                                         TITLE OF INVENTION: Oligonucleotide Compositions and TITLE OF INVENTION: Methods for the Modulation of the Expression NUMBER OF SEQUENCES: 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear ANTI-SENSE: Yes
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SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
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                 COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5..
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OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
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                                                                                                                             COUNTRY:
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STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2248 CGCACCTCTTCTGGTTTG 2265
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                                                                                                                                                                                                                                                                                                                    Clarence Frank Bennett
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Pred. No. 1.6e+03
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APPLICATION NUMBER: FILING DATE: December 1

December

US/08/777,266A

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US-09-166-186-136/c
Sequence 136, Application US/09166186A
Patent NO. 6080580
GENERAL INFORMATION:
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                                                                                                                                                            RESULT 2309
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; OTHER INFORMATION: antisense sequence
US-09-166-186-14
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US-09-166-186-14/c
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Best Local Similarity
Matches 15; Conser
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APPLICANT: Baker, Brenda
APPLICANT: Baker, Brenda
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 14
LENGTH: 20
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Best Local Similarity
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                                        APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0201
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEPAX: (609) 779-8488
          APPLICANT: Shanahan, William R. TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: Line ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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ISPH-0322
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Pred. No. 1.
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Pred. No. 1.6e+03;
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                                                                                                                                                                                                                                                                                                     Length 20;
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           EXPRESSION
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US-08-368-704C-89
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CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 227
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                              Sequence 89, Application US/08368704C Patent No. 6087160
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CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 136
LENGTH: 20
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APPLICANT: Yuan, Junying
APPLICANT: Miura, Masayuki
TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
NUMBER OF SEQUENCES: 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION
FILE REFERENCE: ISPH 0322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                            STREET: 1100 New CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                 COUNTRY:
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al Similarity 83.3%;
15; Conservative
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1100 New York Avenue,
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Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1.
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                 Version #1.25
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Best Local S
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HIPORNATION:
APPLICANT: AxyS Pharmaceuticals, Inc.
APPLICANT: AxyS Pharmaceuticals Ge
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARRE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,913
FILING DATE: 21-JAN-1998
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CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 08/080,850
APPLICATION NUMBER: 24-UN-1993
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PRIOR APPLICATION DATA:
US 08/258,287
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Asthma
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TYPE: nucleic acid
STRANDEDNESS: both
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                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: (
ZIP: 94301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Palo Alto
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2916 CTCATCAGCATCAAGTCC 2933
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15; Conserv
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                                                                                                          650-327-3231
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Pred. No. 1.6e+03;
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RESULT 2314
US-08-781-891-92
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                                                                                                                                                                              US-09-009-913-298
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: AxyS Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339
                                                                                                                  Best Local Similarity Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 298, Application US/09009913 Patent No. 6087485
                                                                                                                                              Query Match
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Best Local
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: SE
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskett
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                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
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STREET: 285 Hamilton Ave,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity 83.
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                                                                                                                                                                                                                                   LENGTH: 20 base pairs
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                                                                                     2907 CAGCACATCCTCATCAGC 2924
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                                                                                                                    Conservative
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Ave, Suite 200
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                                                                                                                              Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.
                                                                                                                    Mismatches
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                                                                                                                                                 DB 1;
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; Sequence 92, Application Patent No. 6090620 ; GENERAL INFORMATION: APPLICANT: Fu, Ying APPLICANT: Yu, Chai

Fu, Ying-Hui Yu, Chang-En

Application US/08781891

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                                                                                                                                    US-09-344-914-48
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US-08-781-891-92
                                                                                  Query Match
Best Local :
                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 87
SEQ ID NO 48
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                           Patent No. 6110664
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION FILE REFERENCE: RTS-0068
CURRENT APPLICATION NUMBER: US/09/344,914
CURRENT FILING DATE: 1999-06-25
                                                                                                                                                                                                                                                                                                                                           APPLICANT: Lex M. Cowsert
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                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                               OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                    FEATURE:
                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/781,891
FILING DATE: 27-DEC-1996
CLASSIFICATION: 800
ATTORNBY/AGENT INFORMATION:
NAME: No. 6090620tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: SEED and BERRY LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Schellenberg, Gerald D.
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
TITLE OF INVENTION: WERNER'S SYNDROME
NUMBER OF SEQUENCES: 209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
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STRANDEDNESS: single
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15; Conser
                                                                                Similarity
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Pred. No. 1.6e+03;
0; Mismatches 3;
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                                                                                Score 13.2; DB 1
Pred. No. 1.6e+03
                                                              Mismatches
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RESULT 2317
US-09-032-365A-33
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US-09-344-914-54/c
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GENERAL INFORMATION:
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SEQ ID NO 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local Similarity 83.3%;
                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION FILE REPERENCE: RTS-0068 CURRENT APPLICATION NUMBER: US/09/344,914 CURRENT FILING DATE: 1999-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: No. 6114502th, Michael
APPLICANT: Nishina, Patsy
APPLICANT: Naggart, Juergen
APPLICANT: No. 6114502en-Trauth, Konrad
TITLE OF INVENTION: GENE FAMILY ASSOCIATED WITH
TITLE OF INVENTION: NEUROSENSORY DEFECTS
                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                      CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: 650-327-3400
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
LENGTH: "TES;
                                                                                                                                                    NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SE
                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/032,365A FILING DATE:
                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM:
SOFTWARE: FastSE(
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                                 20 base pairs
                                                                                                     650 327-3231
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                                                                                                                                                                                                                                                                                                                                                                         IBM Compatible
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Pred. No. 1.
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Sequence 133, Application US/09249730

Patent No. 6121000

GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: VOUNG, Alping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 a
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040

CURRENT APPLICATION NUMBER: US/09/249,730

CURRENT FILING DATE: 1999-02-11

NUMBER OF SEQ ID NO5: 220

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 133

LENGTH: 20
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RESULT 2320
US-09-249-730-185/c
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                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Human
US-09-249-730-139
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; Sequence 139, Application US/09249730
; Patent No. 6121000
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; ORGANISM: Human
US-09-249-730-133
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                                                                                                                                                                                                                                                               APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Alping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040
CURRENT APPLICATION NUMBER: US/09/249,730
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 139
LENGTH: 20
                                                                                                                                           Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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Best Local Similarity
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Best Local (
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Local Similarity 83.3%;
hes 15; Conservative
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                                                                                                                                         Score 13.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3;
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Pred. No. 1.6e+03;
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Pred. No. 1
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FILE REFERENCE: 032396-040
; CURRENT APPLICATION NUMBER: US/09/249,730
; CURRENT FILING DATE: 1999-02-11
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 185
; EEQ ID NO 185
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-730-185
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APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040
CURRENT APPLICATION NUMBER: US/09/249,730
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: PatentIn Ver. 2.0
SQUID NO 204
LENGTH: 20
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Patent No. 6121000
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: VOUNG, Alping H.
                                                                                                                                                                                                                          Sequence 15, Application US/09258408
Patent No. 6121434
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Best Local S
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Human
                                                                                                                                     APPLICANT: PEYMAN, Anusch
APPLICANT: UHLMANN, Euger
TITLE OF INVENTION: G CAN
NUMBER OF SEQUENCES: 105
                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & I
COMPUTER READABLE FORM:
                                             STREET: 3000 K St
CITY: Washington
STATE: D.C.
                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                         2780 GGAGAGTTTTGTCAAGAG 2797
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1 Similarity 83.3%;
15; Conservative
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G CAP-STABILIZED OLIGONUCLEOTIDES
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Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.6e+03
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                                                                                      Suite 500
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RESULT 2324
US-09-418-641-62
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TOPOLOGY:
US-09-258-408-15
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Best Local Si
Matches 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 20, Application US/09418641A
Patent No. 6124133
GENERAL INFORMATION:
APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
FILE REFERENCE: RTS-0105
                                                     Sequence 62, Application US/09418641A Patent No. 6124133 GENERAL INFORMATION:
                                                                                                                                                                                                                             Query Match 0.3
Best Local Similarity 83.3
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/418,641A CURRENT FILING DATE: 1999-10-15 NUMBER OF SEQ ID NOS: 89 SEQ ID NO 20 LENGTH: 20 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (202)672-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/594,452
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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Local Similarity 83.3%;
hes 15; Conservative
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REFERENCE/DOCKET NUMBER: 18748/264/HOCE
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                                                                                                                                                                                              4248 TGAGGCTTAGCACCAAGT 4265
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Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1.6e+03;
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                                                                                                                                                                                                                                                                    DB 1;
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US-09-054-830-3/c
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Best Local Similarity 83.3%;
Matches 15; Conservative
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CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 62
LENGTH: 20
                                                            Matches
                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application Patent No. 6127121
                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                  NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 3446
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLIC
TITLE OF INVENTION: PYRA
TITLE OF INVENTION: MISS
NUMBER OF SEQUENCES: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 2.0b CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/054,830
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: /55.
CITY: PALO ALTO
                                                                                                                                                                                                                       TELEFAX: 50.
                                                                                                                                       STRANDEDNESS:
TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM COR
OPERATING SYSTEM:
                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                             3310 ССССТБАССАБСАБССКА 3327
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ilarity 83.3%;
Conservative
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                                                                         Score 13.2;
Pred. No. 1
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Pred. No. 1.6e+03;
                                                            Mismatches
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-384-23
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                                                              Query Match
Best Local S
Matches 15
                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
IITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 1 EXPRESS
FILE REFERENCE: RTS-0083
CURRENT APPLICATION NUMBER: US/09/358,384
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                            SEQ ID NO 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                    LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Phosphonomonoester nucleic acids,
TITLE OF INVENTION: process for their preparation, and
NUMBER OF SEQUENCES: 3
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0. Version #1.25 (EPO)
CURRENT APPLICATION NUMBER: US/09/196,132
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: sing
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 CCTCAGACAGCGAAGACT 3
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                                                                            Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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                                                              Mismatches
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RESULT 2330
US-09-287-796-32
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US-09-392-350-37/c
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US-09-174-437-44/c
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CURRENT FILING DATE: 1999-09-08
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 37
LENGTH: 20
GENERAL INFORMATION:
APPLICANT: McKay, Robert A.
APPLICANT: McKay, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Monia, Brett
APPLICANT: Nero, Pam
APPLICANT: Gaarde, William A.
APPLICANT: Garde, William A.
TITLE OF INVENTION: FOR THE MODULATION OF JNK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 37, Application US/09392350 Patent No. 6133032 GENERAL INFORMATION:
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Patent No. 6133007
GENERAL INFORMATION:
APPLICANT: Loughney, Kate
TITLE OF INVENTION: Phosphodiesterase 8A
FILE REFERENCE: 27866/35047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 44
LENGTH: 20
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Best Local Similarity
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CURRENT FILING DATE: 1998-10-16
EARLIER PPLICATION NUMBER: 08/951,648
EARLIER FILING DATE: 1997-10-16
NUMBER OF SEQ ID NOS: 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: RTS-0075
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: ANTISENSE MODULATION OF PI3 KINASE P110 BETA EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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Pred. No. 1.
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Pred. No. 1.
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       COMPOSITIONS AND METHODS PROTEINS
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Patent No. 6136310
Query Match
Best Local Similarity
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/523,894
FILING DATE: 06-SEP-1995
CLASSIFICATION: 424
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Best Local
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LENGTH: 20
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APPLICANT: Hanna, Nabil
APPLICANT: Newman, Roland A.
APPLICANT: Reff, Mitchell E.
                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 0127
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/287,796A CURRENT FILING DATE: 1999-04-07 EARLIER APPLICATION NUMBER: 09/130,616 EARLIER FILING DATE: 1998-08-07 EARLIER APPLICATION NUMBER: 08/910,629 EARLIER FILING DATE: 1997-08-03
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INFORMATION FOR SEQ ID NO:
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                                                                        MOLECULE TYPE: DNA (9
ANTI-SENSE: NO
POSITION IN GENOME:
CHROMOSOME/SEGMENT:
                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: Therapy
                                                                                                                                                                                     TYPE: nucleic acid
                                                                                                                                                                   STRANDEDNESS:
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CITY: Alexandria
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699 Prince Street
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                                                                                                                                                    linear
                                                                                                                                DNA (genomic)
                                                                                                                                                                   single
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                                                                        VH3 heavy chain variable region
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Pred. No. 1.6e
0; Mismatches
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Score 13.2; DB 1;
Pred. No. 1.6e+03;
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1.6e+03;
               Length 20;
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CURRENT APPLICATION NUMBER: US/09/280,799
CURRENT FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 208
SOFTWARE: PatentIn Ver. 2.0
SEO ID NO 142
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: INFORMATION: Description of Artificial Sequence:Synthetic
US-09-280-799-142
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US-09-280-799-117/c
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CURRENT FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 208
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 117
LENGTH: 20
TYPE: DNA
                                                            Matches
                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 142, Application US/09280799 Patent No. 6136603
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                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL TITLE OF INVENTION: TRANSDUCTION
                                                                                                                                                                                                                                                                                                                                           APPLICANT: Karras, James G
APPLICANT: McKay, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL TITLE OF INVENTION: TRANSDUCTION FILE REFERENCE: ISPH-0340
                                                                                                                                                                                                                                                                                                 FILE REFERENCE: ISPH-0340
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Karras, James G
APPLICANT: McKay, Robert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
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                                                                            Local
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                             571 CCAGGACAGGCAAGGACG 588
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                                                                            Similarity
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Pred. No. 1.6e+03
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Pred. No. 1
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RESULT 2334 US-09-280-799-152/c

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GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marras, James G
APPLICANT: McKay, Robert
ITILE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
ITILE OF INVENTION: TRANSDUCTION
PILE REFERENCE: ISPH-0340
CURRENT APPLICATION NUMBER: US/09/280,799
CURRENT FALING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 208
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 152
LENGTH: 20
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Sequence 73, Application US/09428584
Patent No. 6136604
Patent No. 6136604
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF METHIONINE AMINOPEPTIDASE 2
FILE REFERENCE: RTS-0114
CURRENT APPLICATION NUMBER: US/09/428,584
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 73
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Sequence 19, Application US/09428584
Patent No. 6136504
Patent No. 6136504
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF METHIONINE AMINOPEPTIDASE 2 EXPRESSION
FILE REFERENCE: RTS-0114
FILE REFERENCE: RTS-0114
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LENGTH: 20
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CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
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Local Similarity 83.3%;
les 15; Conservative
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Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1.
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US-09-418-640-25
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                                                                                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-09-418-640-40
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                                                        Query Match
Best Local S
Matches 15
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APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0102
CURRENT APPLICATION UNMEER: US/09/418,640
CURRENT FILING DATE: 1999-10-15
                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/418,640
CURRENT FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 40
SEQ ID NO 40
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GENERAL INFORMATION:
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SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                     APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6
FILE REFERENCE: RTS-0102
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                FEATURE:
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nes 15; Conserv
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83.3%; Pred. No. 1.6e+03;
tive 0; Mismatches 3
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Pred. No. 1.6e+03
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Pred. No. 1.6e+03;
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Query Match
Best Local Similarity
Matches 15; Conserv?
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LENGTH: 20
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 54, Application US/09429323A
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Patent No. 6140126 6140123
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
FILE REFERENCE: RTS-0092
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OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTMARE: FastSEQ for Windows Version 2.0b
      CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/630,912
                                                                             CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: U
                                                                                                                                                           CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: HEREDITARY HEMOCHROMATOSIS GENE PRODUCTS
NUMBER OF SEQUENCES: 76
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                                                                                                                              APPLICATION NUMBER: US 0 FILING DATE: 23-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                           STREET: 1155 A
 APPLICATION NUMBER: FILING DATE: 04-AP
                                                                  FILING DATE: 16-APR-1996
                                                                                                                                                                                               FILING DATE: 04-APR-1997
                                                                                                                                                                                                            APPLICATION NUMBER:
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10036-2811
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tsuchihashi, Zenta
Wolff, Roger K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gnirke, Andreas
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Feder, John N.
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04-APR-1996
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                                                                               US 08/632,673
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Pred. No. 1.6e
0; Mismatches
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RESULT 2342
US-09-144-112-14/c
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                                                                                                                                                                                                                                                                                ; ORGANISM: Homo sapiens
US-09-135-021-47
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                       GENERAL INFORMATION:
APPLICANT: SEELA, Frank
APPLICANT: THOMAS, Horst
                                                                        Sequence 14, Application US/09144112 Patent No. 6150510
                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 47
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Sequence 47, App
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Best Local Similarity
                                                                                                                                                                                                                                     Best Local
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APPLICANT: Keating, Mark T.
TITLE OF INVENTION: A HOMOZYGOUS MUTATION IN KVLQT1 WHICH CAUSES JERVELL
TITLE OF INVENTION: AND LANGE-NIELSEN SYNDROME
FILE REFERENCE: 2323-128
CURRENT APPLICATION NUMBER: US/09/135,021A
CURRENT FILING DATE: 1998-08-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 80 SOFTWARE: PatentIn Ver. :
                                                                                                                                                                                                                                                                                                                                                                                                                  EARLIER APPLICATION NUMBER: 08/874,655
EARLIER FILING DATE: 1997-06-13
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                              LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                   EARLIER APPLICATION NUMBER: 60/094,477
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LOCATION:
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OTHER INFORMATION:
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TELEFAX: 66141 PENNIE
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Poissant, Brian REGISTRATION NUMBER: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
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                                                                                                                                                                                                                   0.3%;
al Similarity 83.3%;
15; Conservation
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MODIFIED OLIGONUCLEOTIDES, THEIR PREPARATION AND THEIR USE
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/note= "N = 5'-biotinylated guanine
(bio-G)"
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Pred. No. 1
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Pred. No. 1
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; OTHER INFORMATION: Oligonucleotide
US-09-144-112-14
                                                                                                                                                                                                                                                                    US-09-288-461-14
                                                                                                                                                                                                                                                                                     RESULT 2344
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Best Local Similarity
Matches 15; Conserv
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Patent No. 6159694
Patent No. 6159694
Patent No. 6159694
Patent No. 6159694
Patent No. 6159694
PAPPLICANTION: Application of STAT3
TITLE OF INVENTION: Expression
FILE REFERENCE: ISPH-0338
CURRENT APPLICATION NUMBER: US/09/288,461
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 107
                                              CURRENT APPLICATION NUMBER: US/09/288,461
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PATENTIN VEY: 2.0
SEQ ID NO 14
                                                                                                                                     Sequence 14, Application US/09288461
Patent No. 6159694
GENERAL INFORMATION:
APPLICANT: Karras, James G.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
TITLE OF INVENTION: Expression
FILE REFERENCE: ISPH-0338
                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 13
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CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: DE P 44 38 918
PRIOR FILING DATE: 1994-11-04
NUMBER OF SEQ ID NOS: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                TYPE: DNA
ORGANISM: Artificial Sequence
                               LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20
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Local Similarity 83.3%;
nes 15; Conservative
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MBER: DE P 44 38 918.3
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Pred. No. 1.6e+03;
0; Mismatches 3;
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Pred. No. 1.
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RESULT 2345
US-09-087-194-21
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                                                                                                                          US-09-087-194-21
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APPLICANT: Dalboeg
APPLICANT: Anderse
APPLICANT: Kofod,
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Best Local Similarity
Matches 15; Conserv
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Patent No. 6159718
                                                            Matches
                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                   TELEPHONE: 212-867-01
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                         TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                   TELEPHONE: 212-867-0123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: An Enzyme With Polygalacturonase TITLE OF INVENTION: Activity NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                   LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                 NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 39
                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: New York
STATE: New Yor
                                                                                                                                                                      STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: New York COUNTRY: United States of America
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                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
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                             2751 TTCTACCTGGAGTTCCAC 2768
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3 TICTACCIGCACTITCAC
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405 Lexington Avenue, 64th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Kauppinen, Markus S
Christgau, Stephan
Heldt-Hansen, Hans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                            Conservative
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Andersen, Lene N.
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20
                                                          0; Mismatches
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Pred. No. 1.6e+03
                                                                           Score 13.2; DB 1
Pred. No. 1.6e+03
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                                                                                             DB 1;
                                                                                         Length 20;
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RESULT 2346 US-09-484-345-68

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US-09-433-699-11
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US-09-484-345-68
                                                                                                              Sequence 56, Application US/09428696
Patent No. 6165789
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REPERENCE: RTS-0111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 11, Application US/09433699B
Patent No. 6165786
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
FILE REFERENCE: RTS-0109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/484,345
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 68
LENGTH: 20
               CURRENT APPLICATION NUMBER: US/09/428,696
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
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LENGTH: 20
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/433,699B
CURRENT FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 89
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APPLICANT: Alexander H. Bo
APPLICANT: Brenda F. Baker
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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 ORGANISM: Artificial Sequence
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Local Similarity 83.3%;
1e8 15; Conservative
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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RESULT 2351
US-09-490-692-29/c
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-56
                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-09-435-296-84
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US-09-435-296-48
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BEST Local Similarity 83.3%;
Matches 15; Conservation
                                                                                                                                                                  NUMBER OF SEQ ID NOS: 89
SEQ ID NO 84
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 89
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
                                                                                        Query Match
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                 TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION FILE REFERENCE: RTS-0116
CURRENT APPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 1999-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
FILE REFERENCE: RTS-0116
CURRENT APPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 1999-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
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                             2048 CATTGCAAACACACTGGG 2065
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                                                      0.3%;
al Similarity 83.3%;
15; Conservation
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CAATGAACACACACTGGG
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                                                                           Score 13.2;
Pred. No. 1.
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Pred. No. 1
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Pred. No. 1
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US-09-490-692-95
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SEQ ID NO 29
LENGTH: 20
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GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                  Sequence 131, Application US/09280805 Patent No. 6184212
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Best Local S
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
FILE REPERIOE: RTS-0120
CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
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                                                                                                                                      APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION
                                                                                                     NUMBER OF SEQUENCES: 2
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Local Similarity 83.3%;
                  COUNTRY:
                                     STATE:
                                                  ADDRESSEE: Law OLLEGE STREET: 66 East Main Street
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                  U.S.A.
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                                                                                      Law Offices of Jane Massey Licata
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83.3%;
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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Best Local 9
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APPLICANT: Bell,
APPLICANT: Yamaga
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APPLICATION NUMBER: 09/048,81

PILING DATE: MARCh 26, 1998

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: 1SPH

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
                                                                                      COMPUTER READABLE FORM:
MEDLIM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227,219
FILING DATE: Concurrently Herewit: CLASSIFICATION: 435
PRIOR APPLICATION DATA: APPLICATION NUMBER: US 60/029,679
FILING DATE: 30-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: Line
ANTI-SENSE: Yes
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LENGTH: 20 base pairs
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APPLICATION NUMBER: US
FILING DATE: herewith
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TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
TITLE OF INVENTION: AND HNF-4ALPHA
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                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                         CITY:
STATE:
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OPERATING SYSTEM: WINDOWS
                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 77210
                                                                                                                                                                                                                                                                                           STREET:
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TYPE: Nucleic Acid
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Oda, Naohisha
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bell, Graeme I.
                                                                                                                                                                                                                                                                                           Arnold, White & Durkee
O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Linear
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                                                                       Concurrently Herewith
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                                                                                                                                                                                                                                                                                                                                           147
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Pred. No. 1.6e+03
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APPLICATION NUMBER: FILING DATE: 02-0C1

US 60/028,056

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US-08-927-219-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butle
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
                GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
FILE REFERENCE: RTS-0123
                                                                                                                                            3-09-488-671-114/c
Sequence 114, Application US/09488671A
Patent No. 6187545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 96, Applica
Patent No. 6187545
GENERAL INFORMATION:
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Best Local Similarity 83.3
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 96
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: RTS-0123
CURRENT APPLICATION NUMBER: US/09/488,671A
CURRENT FILING DATE: 2000-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 512/418-30
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/025,719
FILING DATE: 10-SEP-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TILE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Wilson, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: AR
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                             4415 TAATAATAATATTAATAA 4432
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4619 CTCCTGGAGTGAGACAAG 4636
APPLICATION NUMBER: US/09/488,671A
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                                                                                                                                                                                                                                                       TAAGCACAATATTAATAA 19
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512/474-7577
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
0; Mismatches
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NUMBER OF SEQ ID NOS: 89
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
TYPE: DNA
CRGANISM: Artificial Sequence
PERGURE:
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                                                                                                                                                                                                                                                                                                                 US-09-408-257-21/c
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US-09-517-584A-33
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Inn Popoff
APPLICANT: Vickie L. Brown
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local S
Matches 15
                                                                                                                                                                                                                                                                               sequence 21, Application US/09408257
Patent No. 6190905
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LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/517,584A
CURRENT FILING DATE: 2000-03-22
NUMBER OF OF OF
                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 61909050 No.
                                                                                                                                  APPLICANT: Dambmann, Claus
TITLE OF INVENTION: An Enzyme with Protease Activity
NUMBER OF SEQUENCES: 34
                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                              APPLICANT:
                             ZIP: 10174-6401
                                                           STATE: New York
                                                                        CITY: New York
                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
                                             COUNTRY: United States of America
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                                                                                                                                                                                                                                                                                                                                                                                                          500 GCCCACGCCCACCATGGT 517
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                                                                                        405 Lexington Avenue,
                                                                                                                                                               Nielsen, Jack B.
Dambmann, Claus
                                                                                                                                                                                                                          Christgau, Stepha
Andersen, Lene N.
                                                                                                                                                                                             Kauppinen,
                                                                                                                                                                                                           Kofod, Lene
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                                                                                                                                                                                               Sakari M.
                                                                                                                                                                                                                                        Stephan
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Pred. No. 1.6e
0; Mismatches
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Pred. No. 1
                                                                                          6190905disk of No. 6190905th America, e, 64th Floor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 20;
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IBM PC

Floppy disk

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MOLECULE TYPE: CI
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Asper
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 15, Application US/09101886B Patent No. 6197507
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local (
                                                                                                                                  COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Ve

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO:
                                                 FILING DATE: 29-JANUARY-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB97/00109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 06-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 9
                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: BALBARA G. ERNST
STREET: 555 13TH STREET, NW
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: TOLLERSRUD, OLE K
APPLICANT: NILSSEN, OIVIND
TITLE OF INVENTION: GENETIC TEST FOR ALPHA-MANNOSIDOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 40
TELECOMMUNICATION INFORMATION:
               FILING DATE: 12-JAN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: BERG,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 19-JAN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/578,5
FILING DATE: 01-FEB-1996
APPLICATION NUMBER: DK 0811/93
APPLICATION NUMBER: DK 0811/93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Lambiris, E.L.... 33,728
REGISTRATION NUMBER: 33,728
4006.204-US
                                                                                                       APPLICATION NUMBER: US/09/101,886B
FILING DATE: 29-JANUARY-1998
                                                                                                                                                                                                                                                                                                            CITY: WASHINGTON
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               POLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         841 ACGACCCTGAGGAGGACA 858
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15; Conserv
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BARBARA G
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Pred. No. 1.6e+03;
                                                                                                                                                                                                                                                                                                                               SUITE 701E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                              Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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US-09-234-434-2
                                                                                                                                                                                                          US-09-226-012-33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PI
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/09234434 Patent No. 6197532
                                                                                                                                                                      Sequence 33, App
Patent No. 62073
                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local
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APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG -
TITLE OF INVENTION: SYNDROME GENE
FILE REFERENCE: 2323-136
CURRENT APPLICATION NUMBER: US/09/226,012
CURRENT FILING DATE: 1999-01-06
EARLIER APPLICATION NUMBER: 09/122,847
EARLIER FILING DATE: 1998-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Rao, Prakash N. et al.
TITLE OF INVENTION: Diagnosis and Detect:
TITLE OF INVENTION: Cancers
FILE REFERENCE: Rao 9706M.1
CURRENT APPLICATION NUMBER: US/09/234,434
CURRENT FILING DATE: 1999-01-20
                                                                                                                     APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1998-01-22
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: OF DESCRIPTION: //
HYPOTHETICAL: NO ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 202-783-6040
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
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                                                                                                                                                                                         Application US/09226012
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/desc = "oligonucleotide"
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Pred. No. 1
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Pred. No. 1
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RESULT 2363
US-09-277-020-10/c
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US-09-226-012-84/c
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; ORGANISM: Homo sapiens
US-09-226-012-33
                                                                   ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-277-020-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
TITLE OF INVENTION: SYNDROME GENE
FILE REFERENCE: 2323-136
CURRENT APPLICATION NUMBER: US/09/226,012
CURRENT FILING DATE: 1999-01-06
EARLIER APPLICATION NUMBER: 09/122,847
EARLIER FILING DATE: 1998-07-27
RUMBER OF SEQ ID NOS: 116
CONTRACTOR OF SEQ ID NOS: 116
                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
TITLE OF INVENTION: Alteration of Cellular Behavior by Antisense Modulation
TITLE OF INVENTION: of many Processing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                   NUMBER OF SEQ ID NOS: 6:
SOFTWARE: PatentIn Ver.
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                         Sequence 10, Application US/09277020 Patent No. 6210892
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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Query Match 0.3
Best Local Similarity 83.3
Matches 15; Conservative
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                                                                                                                                                                                                                    FILE REFERENCE: ISPH-0339
CURRENT APPLICATION NUMBER: US/09/277,020
CURRENT FILING DATE: 1999-03-26
EARLIER APPLICATION NUMBER: 09/167,921
EARLIER FILING DATE: 1998-10-07
                                                                                                    FEATURE:
                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                       TYPE: DNA
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Pred. No. 1.6e
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 Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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                                                                                                                                             ; OTHER INFORMATION: Description of Artificial Sequence:Synthetic US-09-277-020-27
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APPLICANT: Bennett, C. Frank
TITLE OF INVENTION: Alteration of Cellular Behavior by Antisense Modulation
TITLE OF INVENTION: of mana Processing
FILE REFERENCE: ISPH-0339
CURRENT APPLICATION NUMBER: US/09/277,020
                                                                                                                                                                                                                                             SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 27
LENGTH: 20
                                                                          Matches
                                                                                        Query Match
Best Local Similarity
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 83.3%;
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TITLE OF INVENTION: Alteration of Cellular Behavior by Antisense Modulation
TITLE OF INVENTION: of mRNA Processing
FILE REFERENCE: ISPH-0339
CURRENT APPLICATION NUMBER: US/09/277,020
CURRENT FILING DATE: 1999-03-26
EARLIER APPLICATION NUMBER: 09/167,921
EARLIER FILING DATE: 1998-10-07
NUMBER: 09/167,921
EARLIER FILING DATE: 1998-10-07
NUMBER: OF SEQ ID NOS: 65
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EARLIER APPLICATION NUMBER: 09/167,921
EARLIER FILING DATE: 1998-10-07
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
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                                   571 CCAGGACAGGCAAGGACG 588
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                                                                          Conservative
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Pred. No. 1.6e
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Pred. No. 1
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RESULT 2366 US-08-974-302-11/c ; Sequence 11, Application US/08974302

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Best Local Similarity
Matches 15; Conserv
                                                        SOFTWARE: PatentIn Ver. SEQ ID NO 114
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                                                                                                                                                                                                                                                                                                                                                                         Sequence 114, Application US/09103875A Patent No. 6221849
                                                                                                                              APPLICANT: Bigey, Pascal
APPLICANT: Rigey, Pascal
APPLICANT: Ramchandani, Shyam
APPLICANT: Ramchandani, Shyam
TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
TITLE OF INVENTION: OLIGONUCLEOTIDES
FILE REFERENCE: 106101.194
CURRENT APPLICATION NUMBER: US/09/103,875A
CURRENT FILING DATE: 1998-06-24
EARLIER APPLICATION NUMBER: 60/069,865
EARLIER APPLICATION NUMBER: 08/866,340
EARLIER APPLICATION NUMBER: 08/866,340
                                                                                                 EARLIER FILING DATE: 1997-05-30 NUMBER OF SEQ ID NOS: 138
                                                                                                                                                                                                                                                                                                                                                                                                                    09-103-875-114
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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NAME: Gregg, Valeta A.
REGISTRATION NUMBER: 35,1
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APPLICANT: Christgau, Stephan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/974,302
FILING DATE: 19-No. 6214598ember-1997
CLASSIFICATION: 435
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TOPOLOGY: li
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                United States of America
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Andersen, Lene N
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Pred. No. 1
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US-09-103-875-116/c

Sequence 116, App Patent No. 62218

Application US/09103875A

ENERAL INFORMATION:
APPLICANT: Szyf, Moshe
APPLICANT: Bigey, Pascal
APPLICANT: Ramchandani,

SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 116 LENGTH: 20

ORGANISM: Artificial Sequence

EARLIER APPLICATION NUMBER: 08/ EARLIER FILING DATE: 1997-05-30 NUMBER OF SEQ ID NOS: 138

08/866,340

FILE REFERENCE: 106101.194
CURRENT APPLICATION NUMBER: US/09/103,875A
CURRENT FILING DATE: 1998-06-24
EARLIER APPLICATION NUMBER: 60/069,865
EARLIER FILING DATE: 1997-12-17

TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE ITLE OF INVENTION: OLIGONUCLECTIDES

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Query Match
Best Local Similarity
Watches 15; Conserve
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                                                                                                                                                US-09-103-875-115
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                                                                    Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 115
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                        APPLICANT: Bigey, Pascal
APPLICANT: Ramchandani, Shyam
APPLICANT: Ramchandani, Shyam
TITLE OF INVENTION: DAN METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
TITLE OF INVENTION: OLIGONUCLEOTIDES
FILE REFERENCE: 106101.194
CURRENT APPLICATION NUMBER: US/09/103,875A
CURRENT FILING DATE: 1998-06-24
EARLIER APPLICATION NUMBER: 60/069,865
EARLIER FILING DATE: 1997-12-17
EARLIER FILING DATE: 1997-05-30
NUMBER: 05 EEQ ID NOS: 138
OCCUPANTE OF SEQ ID NOS: 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Szyf, Moshe
                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                     FEATURE:
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                                    4910 AGCCATCACCAGCCACAG 4927
1 AGCCATGACCAGCTTCAG 18
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83.3%; Pred. No. 1.6e+03
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Pred. No. 1
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Oligonucleotide
US-09-103-875-116
                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 2371
                                      US-09-313-932-14
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                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Buther, Madeline M.
APPLICANT: Buther, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
                                                                                                                                NUMBER OF SEQ ID NOS: 501
SEQ ID NO 14
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                          Sequence 14, Application US/09313932A Patent No. 6228642
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LENGTH: 20
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 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: McK4, Robert A.
APPLICANT: McK4, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Monia, Brett
APPLICANT: Monia, Brett
APPLICANT: Gearde, William A.
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
TILE REPERENCE: ISPH-0318
CUURENT APPLICATION NUMBER: US/09/130,616C
CURRENT APPLICATION NUMBER: 08/910,629
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 178
                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                        OTHER INFORMATION: Synthetic
                                                                                                                TYPE: DNA
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 Score 13.2;
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Pred. No. 1.6e+03;
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Pred. No. 1.
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Length 20;
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US-09-313-932-227/c
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US-09-313-932-136/c
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                                                                                                                                                                                                     FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 227
LENGTH: 20
TYPE: NAT
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                                                                               Query Match
Best Local :
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Best Local Similarity
Matches 15; Conserva
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SEQ ID NO 136
LENGTH: 20
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Matches 15; Conservative
                                                                                                                                                                                                                                                                                                  APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Synthetic
                                                                                                                                            OTHER INFORMATION: Synthetic
                                                                          Local
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                              104 CTCTCCTGACGTCTCCAG 121
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18
                                                                             Similarity
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                                                                Conservative
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                                                           Score 13.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1
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                                                                                                                                  US-09-352-654A-44
                                                                                                                                                  RESULT 2376
                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Synthetic US-09-313-932-339
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CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 259
LENGTH: 20
                                                                GENERAL INFORMATION: APPLICANT: Millis,
                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 501
SEQ ID NO 339
LENGTH: 20
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Best Local Similarity 83.3
Matches 15; Conservative
                                                                                               Sequence 44, Application US/09352654A Patent No. 6242227
                                                                                                                                                                                                                                                                    Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 259,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Baker, Brenda
APPLICANT: Bennet, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                 3584 GAGTTCCTTCCCTAAGCC 3601
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                                                                                                                                                                                                    GGGTTCCGACCCTAAGCC 18
                                 Millis, James ...
Saucy, Gabriel G.
Hyatt, John A.
               Maurina-Brunker, Julie McMullin, Thomas W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/09313932A
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Pred. No. 1.6e+03
0; Mismatches
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Pred. No. 1.
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: PRIMER
; OTHER INFORMATION: Description of Artificial Sequence:PRIMER
US-09-352-654A-44
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US-08-706-344C-6
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SOFTWARE: Par
; SEQ ID NO 44
; FRIGHH: 20
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Best Local
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                                                                                                                                         APPLICATION NUMBER: US/08/706
FILING DATE: 30-AUG-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMMBER: 60/003,05
PILING DATE: 31-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: KIM, JUDITH U.
REGISTRATION NUMBER: 40,679
REFERENCE/DOCKET NUMBER: 0609
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEPHONE: 202-371-2600
                                                                                                              TELEFAX: 202-371-2540 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/091,868 PRIOR FILING DATE: 1998-07-06 NUMBER OF SEQ ID NOS: 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/352,654A CURRENT FILING DATE: 1999-07-06
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                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                            SEQUENCE CHARACTERISTICS:
   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: TANZI, RUDOLPH
APPLICANT: WASCO, WILMA
TITLE OF INVENTION: Genetic Alterations Related To Familial
TITLE OF INVENTION: Alzheimer's Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY:
                 TOPOLOGY:
                                                                           LENGTH:
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T: 1100 NEW YORK AVENUE, SUITE 600
WASHINGTON
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                                                : 20 base pairs
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DNA (genomic)
                                  single
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Pred. No. 1
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RESULT 2378
US-09-467-082-11/c
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                                                                                                    US-09-021-701-439
                                                                                                                RESULT 2380
                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-09-467-082-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-467-082-12/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Antisense Oligonucleotide US-09-467-082-11
Sequence 439, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 12
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 12. Application US/09467082
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
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SEQ ID NO 11
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/467,082
CURRENT FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 49
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APPLICANT: Lex M. COWBERT
TITLE OF INVENTION: ANTIGENSE MODULATION OF PKA CATALYTIC SUBUNIT C-ALPHA EXPRESSION
FILE REFERENCE: RTS-0088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REFERENCE: RTS-0088
                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.6e+03;
D; Mismatches 3;
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Pred. No. 1.6e+03;
D; Mismatches 3;
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                                                                                                                                                                                                                                                                Length 20;
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US-09-021-701-440
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Patent No. 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                             APPLICANT: Wolber, ran-
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
APPLICANT: Kincaid, Robert H.
APPLICANT: WOLDTION: Methods for evaluating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatil
OPERATING SYSTEM: PC-DOS
                                                                                           STREET: JVV.
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager,
STREET: 3000 Hanover Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MODECULE PARTICAL: P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,0
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 650-236-2386
                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                             APPLICANT:
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CTTY: Palo Alto
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                         ZIP: 94304
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ocal Similarity
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6251588
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IBM PC compatible SYSTEM: PC-DOS/MS-DOS. Patentin Release #1.0,
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                                                                                                                                                                                                                                                                                             Shannon,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                     probe sequences
                                                                                                                                                                                                                                                                                             Karen W.
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Pred. No. 1
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                                                                                                                                                      Legal Department,
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 Version #1.30
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                                                                                                                                                        Hewlett-Packard Company M/S 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 20;
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                                                                                                                                                                       CURRENT APPLICATION:

PILING DATA: 0.5FEB-1998

ATTORNEY/AGENT
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                                         TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
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MOLECULE TYPE: (
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 650-236-2386
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                                                                                                                                                                                                                                                                                                                                                    CITY: Palo Alto
STATE: CA
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nes 15; Conserv
             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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CLASSIFICATION:
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                          f: 20 base pairs
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3000 Hanover Street
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Delenstarr, Glenda C.
                                                                                                                                                                                                                                                                                                                                           USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Shannon,
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linear
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83.3%;
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Pred. No. 1.6e+03;
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                                                                                                                ; ANTI-SENSE:
US-09-021-701-732
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GENERAL INFORMATION:
                                                        Matches
                                                                    Query Match
Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 1097
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
                                                                                                                                                                                                                               TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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HYPOTHETICAL:
                                                                                                                                                       MOLECULE TYPE:
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TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
                                                                                                                                         HYPOTHETICAL:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                  LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/0 FILING DATE: 10-FEB-1998
                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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                   2810 AAATGAAGAAGGAAGTGA 2827
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 AAATGGAAAGGAAGGGA 3
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3000 Hanover Street
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Webb, Peter G.
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Wolber, Paul K.
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                                                                    Score 13.2;
Pred. No. 1.
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Pred. No. 1.
                                                        Mismatches
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                                                                      1.6e+03
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                                                                                  Length 20;
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RESULT 2384 US-09-021-701-733/c ; Sequence 733, Application US/09021701

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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Shannon, Kare
APPLICANT: Wolber, Paul
APPLICANT: Delenstarr, G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
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TITLE OF INVENTION: probe sequences
TITLE OF OF OFFICES: 1165
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APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: cl
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10:
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                         TITLE OF INVENTION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
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COUNTRY: U
ZIP: 94304
                                                    CITY: Palo Alto
                                                                    ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S
STREET: 3000 Hanover Street
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650-852-8063
                  USA
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                                                                                                                                                                                            Delenstarr, Glenda C.
Webb, Peter G.
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Wolber, Paul
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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                                                                                                                                                          Methods for evaluating oligonucleotide
                                                                                                                         probe sequences
                                                                                                                                                                                                                                                    Karen W.
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US-09-021-701-1038
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Patent No. 6251588
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO:
                                                                                                                               SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10
                                            ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FOR PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20 STREET: 3000 Hanover Street
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HYPOTHETICAL: N
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for eva-
TITLE OF INVENTION: probe sequences
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
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CLASSIFICATION:
                              TELEPHONE:
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               : 650-236-2386
650-852-8063
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 1038:
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Pred. No. 1.6e
0; Mismatches
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                                                                                                                                                                                                       Version #1.30
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FILING DATE: 10-FFF-100

CLASSITETION NUMBER: US/09/021,701
                                                   Matches
                                                                            Query Match
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APPLICANT: Shanno
APPLICANT: Wolber
                                                                                                                                                                                                                         TELEPHONE: 650-236-238
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
                                                                                                                 TOPOLOGY: line
MOLECULE TYPE: NO
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
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HYPOTHETICAL: N
ANTI-SENSE: NO
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LENGTH: 20 base pairs
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                                                 Local Similarity 
nes 15; Conserv
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                   615 TCCATCTCCCGGGCATAC 632
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3000 Hanover Street
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Wolber, Paul K.
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                                                   Conservative
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                                                              Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03
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                                                 Mismatches
                                                                            DB 1;
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                                                                          Length 20;
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                                                   Indels
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CURRENT APPLICATION NUMBER: US/09/180,437
CURRENT FILING DATE: 1998-11-06
EARLIER APPLICATION NUMBER: PCT/JP98/00953
EARLIER FILING DATE: 1998-03-09
EARLIER APPLICATION NUMBER: 09-053518 JAPAN
EARLIER FILING DATE: 1997-03-07
NUMBER OF SEQ ID NOS: 289
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 37
LENGTH: 20
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Best Local Similarity
Tatches 15; Conserve
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; Sequence 35, Application US/09488857B
; Patent No. 6255110
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                                                                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide US-09-488-857B-35
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                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 90
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                      Matches
                                                                                    Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 625187
                                                                                                                                                                                                                                                                                                                      APPLICANT: Lex M. Cowse APPLICANT: Jacqueline Wyatt TITLE OF INVENTION: ANT FILE REFERENCE: RTS-011
                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/488,857B
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 90
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APPLICANT: MORISAWA, Yoshifumi
APPLICANT: KUSUYAMA, Takeshi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 1110-209P
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                                                                                                                                                                           FEATURE:
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                    999 TTGTTCCAGCGACTGCAA 1016
20 TTCTTCCAGAGCCTGCAA
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                                                                    Conservative
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83.3%; Pred. No. 1.
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                                                                                    Score 13.2; DB 1;
Pred. No. 1.6e+03;
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RESULT 2390 US-08-840-767-33

Sequence 33, Applica Patent No. 6255464 GENERAL INFORMATION:

Application US/08840767B

APPLICANT: Vogelstein, Bert

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US-09-487-445-137/c
Sequence 137, Application US/09487445
Patent No. 6258600
GENERAL INFORMATION:
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Best Local Similarity
Watches 15; Conserv
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; Sequence 35, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
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; ORGANISM: Homo sapiens
US-08-840-767-33
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 33
LENGTH: 20
                                                                   NUMBER OF SEQ ID NOS: 176
SEQ ID NO 137
LENGTH: 20
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LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: Thiagalingam, Sam
TITLE OF INVENTION: MAD-Related Genes in the Human
FILE REFERENCE: 01107.05548
CURRENT APPLICATION NUMBER: US/08/840,767B
CURRENT FILING DATE: 1997-04-16
EARLIER APPLICATION NUMBER: 60/015,823
EARLIER FILING DATE: 1996-04-18
                                                                                                              APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE
FILE REFERENCE: RTS-0107
CURRENT APPLICATION NUMBER: US/09/487,445
CURRENT FILING DATE: 2000-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: RTS-0107
CURRENT APPLICATION NUMBER: US/09/487,445
CURRENT FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kinzler, Kenneth W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Antisense Oligonucleotide
                  FEATURE:
                                 ORGANISM: Artificial Sequence
                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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Pred. No. 1.6
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Pred. No. 1.6e+03;
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                                                                                                                                                                              EXPRESSION
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* Ouery Match
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                                                                                                             ; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-481A-69
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-481A-17
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                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
SEQ ID NO 69
                                                                                                                                                                                                           TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0087
CURRENT APPLICATION UNDER: US/09/657,481A
CURRENT FILING DATE: 2000-09-07
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                   Sequence 69, Application US/09657481A Patent No. 6258601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 17, Application US/09657481A Patent No. 6258601
                                                         Matches
                                                                     Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: EXPRE
                                                                                                                                                                                                                                                                                                       APPLICANT: Brett P. M. APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/657,481A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 20
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                           4026 CACCGGCCGGAGGAGGGG 4043
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al Similarity 83.3%;
15; Conservation
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Similarity 83.3%;
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CACCGGCTGAAGGAGAGG
                                                         Conservative
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Pred. No. 1.
                                                                     Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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RESULT 2395 US-09-377-309-63/c

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APPLICANT: Condon, Tom P.
APPLICANT: Condon, Tom P.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF IN-
FILE REFERENCE: ISPH-0390
CURRENT APPLICATION NUMBER: US/09/377,309B
CURRENT FILING DATE: 1998-08-19
EARLIER APPLICATION NUMBER: 09/166,203
EARLIER FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 99
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                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 176
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LENGTH: 20
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APPLICANT: Lex
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                                                                                                                                                                           Sequence 650,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/487,368A CURRENT FILING DATE: 2000-01-18
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                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Jacqueline Wyatt TITLE OF INVENTION: ANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                              tent No.
                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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                                                                 APPLICANT:
                                                                               APPLICANT:
                                 APPLICANT
                                                APPLICANT
                                                                                              APPLICANT:
                                                                                                               PPLICANT:
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                                                                                                                                                                               Application US/08943731
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                                                                                                                                                                                                                                                                                                                              Conservative
KORKKO, JARMO
               COLIGE, ALAIN EARLY, JAMES
                                                                LARSON, ANDREA W.
                                                                             SEREDA, LARISA
                                                                                              DELTAS, CONSTANTINOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Lex M. Cowsert
                                               MICHAEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RTS-0093
                                                                                                                                                                                                                                                                                                                                           0.3%;
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                                                                                                                            DARWIN J.
                                                                                                               LORETTA D
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                                                                                                                                                                                                                                                                                                                           Score 13.2; DB 1; Pred. No. 1.6e+03; 0; Mismatches
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Pred. No. 1.6e+03
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) OTHER INFORMATION: Antisense Oligonucleotide US-09-489-869-32
                                                                                        SEQ ID NO 32
LENGTH: 20
                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                 Sequence 32, Appli
Patent No. 6268151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                              FILE REFERENCE: RTS-0110
CURRENT APPLICATION NUMBER: US/09/489,869A
CURRENT FILING DATE: 2000-01-20
                                                                                                                           NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                     APPLICANT: Susan Murray
APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: dou
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/212,322
FILING DATE: 14-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/803,628
FILING DATE: 03-DEC-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,731
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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ADDRESSEE: PANTICH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: ZIS-567-2991
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: DOYLE LEARY Ph.D., REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH:
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Pred. No. 1
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RESULT 2401
US-09-428-583-61
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US-09-428-583-27/c
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Sequence 61, Application US/09428583 Patent No. 6271029 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/428,583
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 39
                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-2 EXPRESSION
FILE REFERENCE: RTS-0096
                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 39, Application US/09428583 Patent No. 6271029
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Best Local
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CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 27
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GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                     Matches
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-2 EXPRESSION
FILE REFERENCE: RTS-0096
                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                         LENGTH: 20
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Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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RESULT 2403
US-09-135-020-77
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CURRENT FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/921,068
EARLIER FILING DATE: 1997-08-29
EARLIER FILING DATE: 1997-08-29
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER APPLICATION NUMBER: 60/094,477
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN THE KCNEI GENE ENCODING HUMAN mink WHICH
TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 114
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
                                                                                                                                 Sequence 77, Application US/09135020 Patent No. 6274332
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SEQ ID NO 61
LENGTH: 20
TYPE: DNA
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Best Local Similarity 83.3%;
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APPLICANT: Lex M. Cowsert
ITITLE:OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-2 EXPRESSION
FILE REFERENCE: RTS-0096
CURRENT APPLICATION NUMBER: US/09/428,583
CURRENT FILING DATE: 1999-10-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Keating, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Splawski, 190x
APPLICANT: Splawski, 190x
TITLE OF INVENTION: MUTATIONS IN THE KCNEI GENE ENCODING HUMAN mink WHICH
TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
TITLE OF INVENTION: KCNEI AS AN LOT GENE
FILE REFERENCE: 2323-131
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
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Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1.6e
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; ORGANISM: Homo sapiens
US-09-135-020-77
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CURRENT FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/21,068
EARLIER FILING DATE: 1997-08-29
EARLIER APPLICATION NUMBER: 08/739,383
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER PILING DATE: 1998-07-29
EARLIER FILING DATE: 1998-07-29
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SEQ ID NO 77
LENGTH: 20
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                                                                    PRIOR DEPLICATION DATA:

APPLICATION NUMBER: 08/117,829

FILING DATE: 08-SEPT-1993

APPLICATION NUMBER: 07/721,571

FILING DATE: 25-MAY-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/FR89/00918

FILING DATE: 25-JAN-1989

ATTORNEY/AGENT INFORMATION:

NAME: Fleit, Martin; Gollin, Michael A.

REGISTRATION NUMBER: 16,900; 31,957

REFERENCE/DOCKET NUMBER: 47078-042

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -08-450-962-7/c
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: 3-1/2" diskette
                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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Local Similarity 83.3%;
hes 15; Conservative
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SOFTWARE: ASCII
                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER:
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VENTION: INTRON/EXON OF THE HUMAN AND
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                                                          789-3400
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Pred. No. 1.6e+03;
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                                                                                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-09-662-249A-32
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US-09-317-350-5/c
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                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/662,249A
CURRENT FILING DATE: 2000-09-13
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 32
LENGTH: 20
                                                                                                                                                                                                                                                                        Sequence 32, Application US/09662249A
Patent No. 6277636
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MADH6 EXPRESSION
FILE REFERENCE: RTS-0181
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Best Local S
Matches 15
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 20
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Best Local &
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                                                           Matches
                                                                        Query Match
Best Local Similarity
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APPLICANT: Kramer, Fred R.
APPLICANT: Vartiklan, Robert
TITLE OF INVENTION: HIGH SPECIFICITY PRIMERS, AMPLIFICATION
TITLE OF INVENTION: METHODS AND KITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 07763-036001
CURRENT APPLICATION NUMBER: US/09/317,350
CURRENT FILING DATE: 1999-05-24
                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                           2384 GGAGCAGAAGGTCTTCCT 2401
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                                                                                                                                                                                                                                                                                                                                                                                                                                                20 CGCGGCGACCACCGGCCG
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Similarity 83.3%;
15; Conservative
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GGCTCAGAAGGACTTCCT
                                                           Conservative
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Pred. No. 1
                                                                         Score 13.2; DB 1
Pred. No. 1.6e+03
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Pred. No. 1.6e+03;
                                                           Mismatches
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APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GEN
FILE REFERENCE: 2323-133
CURRENT APPLICATION UNUMBER: US/09/135,010A
CURRENT FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-07-29
PRIOR PRICH DATE: 1998-07-29
PRIOR PILING DATE: 1997-08-29
PRIOR PILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR PILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR FILING DATE: 1996-10-29
PRIOR FILING DATE: 1996-10-29
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US-09-135-010A-49
                                                                                                                                                                                           FILE REFERENCE: 2323-133
CURRENT APPLICATION NUMBER: US/09/135,010A
CURRENT FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-07-29
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
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; ORGANISM: Homo sapiens
US-09-135-010A-49
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SEQ ID NO 49
LENGTH: 20
                                                            NUMBER OF SEQ ID NOS:
SOFTWARE: Patentin V
SEQ ID NO 77
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Best Local Similarity 83.3%;
Matches 15; Conservative
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                                                                                                                                 PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/PRIOR FILING DATE: 1995-12-22
                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLOTI - A LONG QT SYNDROME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
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DRGANISM: Homo sapiens
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Landes, Gregory M.
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Curran, Mark E.
Landes, Gregory M.
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Pred. No. 1.6e+03;
0; Mismatches 3;
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Query Match
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                                                                               ; ORGANISM: synthetic construct US-09-194-478-9
                                                                                                                                                                       FILE REFERENCE: PU96-1684
CURRENT APPLICATION NUMBER: US/09/194,478
CURRENT FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: PCT/SE97/00839
PRIOR FILING DATE: 1997-05-22
PRIOR APPLICATION NUMBER: SWEDEN 9602062-3
PRIOR FILING DATE: 1996-05-29
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
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APPLICANT: Tu, Guang-Chou
APPLICANT: Tu, Guang-Chou
APPLICANT: Israel, Yedy
TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION
TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES
Query Match 0.3%; Score 13.2; DB 1; Length 20; Best Local Similarity 83.3%; Pred. No. 1.6e+03; Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                         SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9, Application US/09194478 Patent No. 6284463
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Best Local Similarity 83.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/109,663
CURRENT FILING DATE: 1998-07-03
EARLIER APPLICATION NUMBER: 60/051,705
EARLIER FILING DATE: 1997-07-03
NUMBER OF SEQ ID NOS: 81
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Goto, Masanori
APPLICANT: Tosu, Mariko
TITLE OF INVENTION: Method for Detection of Mutations
                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hasebe, Masahisa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 9855-3UI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Effective ASO
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                                                                                                                                   LENGTH: 20
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Pred. No. 1
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Pred. No. 1
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#11/01/01/01/01/01 10 W

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GENERAL INFORMATION:

APPLICANT: Hasebe, Masahisa
APPLICANT: Goto, Masanori
APPLICANT: Tosu, Mariko
TITLE OF INVENTION: Method for Detection of Mutations
FILE REFERENCE: PU96-1644
CURRENT APPLICATION NUMBER: US/09/194,478
CURRENT FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: PCT/SE97/00839
PRIOR FILING DATE: 1997-05-22
PRIOR FILING DATE: 1996-05-29
PRIOR FILING DATE: 1996-05-29
NUMBER OF SEQ ID NOS: 12
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RESULT 2413
US-09-194-478-12
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; SEQ ID NO 11
; LENGTH: 20
; TYPE: DIA
; ORGANISM: synthetic construct
US-09-194-478-11
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US-09-194-478-10
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Best Local S
Matches 15
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GENERAL INFORMATION:
APPLICANT: Hasebe, Masahisa
APPLICANT: Goto, Masanori
APPLICANT: Tosu, Mariko
TITLE OF INVENTION: Method for Detection of Mutations
FILE REFERENCE; PU96-1684
                                                                                                                                          Query Match
Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 10
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/194,478
CURRENT FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: PCT/SE97/00839
PRIOR FILING DATE: 1997-05-22
PRIOR APPLICATION NUMBER: SWEDEN 9602062-3
PRIOR FILING DATE: 1996-05-29
NUMBER OF SEQ ID NOS: 12
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                                                                                                         536 СААСАТСАСССССТССАА 553
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15; Conservative
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
                                                                                                                                               Mismatches
                                                                                                                                                                               DB 1;
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RESULT 2414

US-09-224-505-7/c

; Sequence 7, Application US/09224505

; Patent No. 6294333
; GENERAL INFORMATION:
APPLICANT: Daksis, Jasmine I
APPLICANT: Erikson, Glen H

; TITLE OF INVENTION: FLUORESCENT INTENSITY ASSAY FOR PROTEIN OR PEPTIDE
TITLE OF INVENTION: BINDING TO NUCLEIC ACIDS
FILE REFERENCE: E1047/20013
; CURRENT APPLICATION NUMBER: US/09/224,505
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 7
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                                                                                                                                                                                                                                          RESULT 2415
Sequence 8, Application US/09224505
Patent No. 6294333
GENERAL INFORMATION:
APPLICANT: Dakels, Jasmine I
APPLICANT: Erikeon, Glen H
TITLE OF INVENTION: FLUORESCENT INTENSITY ASSAY FOR PROTEIN OR
TITLE OF INVENTION: BINDING TO NUCLEIC ACIDS
FILB REFERENCE: E1047/20013
CURRENT APPLICATION NUMBER: US/09/224,505
CURRENT FILING DATE: 1998-12-31
NUMBER OF SEQ ID NOS: 22
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Matches
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: Goto, Massanori
APPLICANT: Tosu, Mariko
TITLE OF INVENTION: Method for Detection of Mutations
FILE REFERENCE: PU96-1684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/194,478
CURRENT FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: PCT/SE97/00839
PRIOR FILING DATE: 1997-05-22
PRIOR APPLICATION NUMBER: SWEDEN 9602062-3
PRIOR FILING DATE: 1996-05-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20
TYPE: DNA
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les 15; Conserv
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                                                                                                                                                                                                                                                                                                  18 AAGCCCCGCCCCGGCCGG 1
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Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1.6e+03;
0; Mismatches 3;
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US-09-225-749-8
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; ORGANISM: Human
US-09-224-505-8
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                                                                                                                      US-09-484-617-98
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Best Local Similarity
Matches 15; Conserv
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CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 98
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 20
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Patent No. 6300320
                                                          Matches
                                                                      Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                               APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: ISIS3313
CURRENT APPLICATION NUMBER: US/09/225,749
CURRENT FILING DATE: 1999-01-05
NUMBER OF SEQ ID NOS: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Dean, Nicholas M.
APPLICANT: McKay, Robert, A.
TITLE OF INVENTION: Modulation of c-jun using inhibitors of protein kinase C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver.
                                                                                                                                  OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                FEATURE:
                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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                         3480 TCAAGGCCCAGTGACCTG 3497
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                                                       Score 13.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3;
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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RESULT 2418
US-09-484-617-160/c
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US-09-593-589-22
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US-09-721-822A-74/c
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                                                                                                                                                                                                                                                                                                                                                                                           US-09-721-822A-74
                                                                   GENERAL INFORMATION:
APPLICANT: Brett P.
APPLICANT: Madeline
APPLICANT: Jacqueli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 135
SEQ ID NO 74
LENGTH: 20
                                                                                                                                          Sequence 22, Application US/09593589 Patent No. 6306655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 160, Application US/09484617 Patent No. 6303374
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Best Local Similarity
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Best Local Similarity
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APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Myatt
TITLE OF INVENTION: ANTISENSE MODULATION
FILE REFERENCE: RTS-0119
CURRENT APPLICATION NUMBER: US/09/593,589
CURRENT FILING DATE: 2000-06-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Michael J. Weber
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1
FILE REFERENCE: RTS-0142
CURRENT APPLICATION NUMBER: US/09/721,822A
CURRENT FILING DATE: 2000-11-22
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CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RTS-0103
                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Antisense Oligonucleotide
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                                  ON: ANTISENSE MODULATION RTS-0119
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                                                      C/EBP ALPHA EXPRESSION
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Query Match
Best Local Similarity
Watches 15; Conserve
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US-09-593-589-22
                                                                                                                      US-09-054-832-15
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SEQ ID NO 22
                                                            Matches
                                                                          Best
                                                                                      Query Match
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INFORMATION FOR SEQ ID NO:
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/41
FILING DATE: 03-ARR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Meyer, Rich
TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
TITLE OF INVENTION: MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
TITLE OF INVENTION: CONJUGATED TO MINOR GROOVE BINDERO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH:
                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 34
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESSE: MORRISON & FOERSTER
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
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CITY: PALO ALTO
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/054,832 FILING DATE:
                                                                          Local
                                                                                                                                      STRANDEDNESS: 811
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                       NAME: Brennan, Sean M
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                 ENGTH:
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                              3310 CCCCTGACCAGCAGCCCA 3327
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o. 6312894
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                                                                          Similarity
                                                                                                                                                   nucleic acid
DEDNESS: single
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                                                                                                                                                                                  20 base pairs
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                                                            Conservative
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                                                                          Score 13.2;
Pred. No. 1.6
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Pred. No. 1.
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                                                          Mismatches
                                                                          .6e+03;
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                                                                                        DB 1;
                                                                                      Length 20;
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RESULT 2422

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SEQ ID NO 30
LENGTH: 20
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GENERAL INFORMATION:
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/488,856A
CURRENT FILING DATE: 2000-01-21
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                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367
FILING DATE: 30-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/257,96
FILING DATE: 07-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/952,79
FILING DATE: 24-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REFISITRATION NUMBER: 36434
REFERENCE/DOCKET NUMBER: 2026
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP
TELEFAX: (212) 751-68 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 345 Pa
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 10154
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Madeline M.
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                751-6849
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DERIVED FACTOR: CHARACTERIZATION
ORGANIZATION AND SEQUENCE OF THE
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GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Wickers, Timothy A.
IITLE OF INVENTION: Oligonuclectide Compositions and Methods for the
IITLE OF INVENTION: Modulation of the Expression of B7 Protein
FILE REFERENCE: ISPH-0376
CURRENT APPLICATION NUMBER: US/09/326,186B
CURRENT FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR EPILING DATE: 1996-12-31
NUMBER: OF SEQ ID NOS: 226
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 141
LENGTH: 20
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; IDENTIFICATION METHOD:
; OTHER INFORMATION: pr:
; OTHER INFORMATION: ch
US-08-367-841A-18
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; OTHER INFORMATION: Synthetic
US-09-326-186B-34
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US-09-326-186B-34/c
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APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: Oligonuclectide Compositions and Methods for the
TITLE OF INVENTION: Modulation of the Expression of B7 Protein
FILE REFERENCE: ISPH-0376
CURRENT FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: US/09/326,186B
CURRENT FILING DATE: 1999-06-04
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 226
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 34
LENGTH: 20
                                                                                                                                                                                                                                                                                                   Sequence 141, Application US/09326186B Patent No. 6319906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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STRANDEDNESS: Unkno
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Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.6e+03;
0; Mismatches 3;
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1.6e+03;
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APPLICANT: Aitman, Timothy
APPLICANT: Stanton, Lawrence
APPLICANT: Stanton, Lawrence
TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and
TITLE OF INVENTION: Therapy
FILE REFERENCE: 4198/78179
CURRENT APPLICATION NUMBER: US/09/270,542
CURRENT FILING DATE: 1999-03-17
EARLIER FILING DATE: 1999-03-17
EARLIER FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 207
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 154
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/326,186B; CURRENT FILING DATE: 1999-06-04; PRIOR APPLICATION NUMBER: 08/777,266; PRIOR FILING DATE: 1996-12-31; NUMBER OF SEQ ID NOS: 226; SOFTWARE: Patentin Ver. 2.0; SEQ ID NO 193; LENGTH: 20
                                                          ; ORGANISM: Rattus norvegicus US-09-270-542-154
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US-09-326-186B-193
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 193, Application US/09326186B
Patent NO. 6319906
GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: Oligonucleotide Compositions and
TITLE OF INVENTION: Modulation of the Expression of
FILE REFERENCE: ISPH 0376
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Matches
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                         Patent No. 6322976 GENERAL INFORMATION:
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Best Local Similarity 83.3%;
Matches 15; Conservative
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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Pred. No. 1:6e
0; Mismatches
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Pred. No. 1.
   Score 13.2; DB 1;
Pred. No. 1.6e+03;
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                    Length 20;
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GENERAL INFORMATION:
APPLICANT: Kearing, Mark T.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Sanguinetti, Michael C.
APPLICANT: Splawski, Igor
ITILE OF INVENTION: MUTATIONS IN THE KCNEI GENE ENCODING HUWAN mink WHICH
ITILE OF INVENTION: KCNEI AS AN LOT GENE
ITILE OF INVENTION: KCNEI AS AN LOT GENE
ITILE OF INVENTION NUMBER: US/09/444,871
CURRENT FILING DATE: 1999-11-22
EARLIER APPLICATION NUMBER: US/09/444,871
CURRENT FILING DATE: 1999-08-19
EARLIER FILING DATE: 1998-08-17
EARLIER FILING DATE: 1998-10-29
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 08/32,383
EARLIER APPLICATION NUMBER: 08/39,383
EARLIER APPLICATION NUMBER: 08/39,383
EARLIER APPLICATION NUMBER: 08/019,014
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER FILING DATE: 1996-10-29
EARLIER FILING DATE: 1998-07-29
EARLIER FILING DATE: 1998-07-29
EARLIER FILING DATE: 1998-07-29
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EARLIER APPLICATION NUMBER: US/09/444,871
CURRENT FILING DATE: 1999-11-22
EARLIER APPLICATION NUMBER: US 09/135,020
EARLIER FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/921,068
EARLIER FILING DATE: 1997-08-29
EARLIER APPLICATION NUMBER: 08/739,383
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019,014
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER FILING DATE: 1998-07-29
EARLIER FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 114
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Best Local :
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APPLICANT: Keating, Mark
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Patent No. 6323026
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APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN THE KCNEI GENE ENCODING HUMAN mink WHICH
TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
TITLE OF INVENTION: KCNEI AS AN LQT GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 2323-131
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Local Similarity 83.3%;
nes 15; Conservative
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; MOLECULE TYPE:
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Best Local Similarity
Matches 15; Conserv
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                                                           Matches
                                                                        Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/462,305
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Payne, T. Helen
REGISTRATION NUMBER: 36,889
REGISTRATION NUMBER: HOS94/F161
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                               TELEFAX: 513-948-7960
TELEX: 214320
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/895,981
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TYPE: DNA
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APPLICANT: Uhlmann, Eugen
APPLICANT: Carolus, Carolin
TITLE OF INVENTION: 3'-Modified Oligonucleotide Derivatives
                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
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CLASSIFICATION:
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                            921 TGTGAGGCCAAGGAGGTT 938
19 TGGGAGGCCAAGGCGGGT 2
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45215-6300
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                                                           Conservative
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ilarity 83.3%;
Conservative
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Pred. No. 1
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Pred. No. 1.
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RESULT 2431 US-09-657-042A-39/c

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-468-872-23
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-042A-39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Wong, Alexander K.C.
APPLICANT: Tavtigian, Sean V.
TITLE OF INVENTION: Human CDC14A Gene
FILE REFERENCE: CDC14A Gene
CURRENT APPLICATION NUMBER: US/09/468,872
CURRENT FILING DATE: 1999-12-22
EARLIER APPLICATION NUMBER: US 60/113,833
EARLIER FILING DATE: 1998-12-23
NUMBER OF SEQ ID NOS: 82
                                                                                                                  GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. AC
APPLICANT: Eric E. Swayze
APPLICANT: Eric E. Swayze
                                                                                                                                                                            Sequence 217, Application US/09496694B Patent No. 6335194 GENERAL INFORMATION:
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SEQ ID NO 23
LENGTH: 20
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LENGTH: 20
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                                  FILE REFERENCE: ISPH-0439
CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
                                                                                      APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/657,042A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
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APPLICANT: Jacqueline Wyatt
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ORGANISM: Artificial Sequence
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les 15; Conserv
APPLICATION NUMBER: 09/286,407
FILING DATE: 1000.00
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Pred. No. 1.6e+03
0; Mismatches
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Pred. No. 1.
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US-08-829-637A-8
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Matches
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SEQ ID NO 217
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                           FILING DATE: 05-MAY-1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                    FILING DATE: 07-JUN-
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE: 06-JUN-
                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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MEDIUM TYPE: DISKETT
                                                                         FILING DATE: 09-JUL-
PRIOR APPLICATION DATA:
                                                                                                                      PRIOR APPLICATION DATA:
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/481,066
                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
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                                                                                                                                        APPLICATION NUMBER: US 08/468,569 FILING DATE: 06-JUN-1995
                                                                                                                                                                                    APPLICATION NUMBER: US 08/469,851 FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: John W. Caldwell (28,937) Woodcock ADDRESSEE: Washburn Kurtz Mackiewicz & No. 63: STREET: One Liberty Place - 46th Floor
APPLICATION NUMBER: 16-OC
                                                            APPLICATION NUMBER:
                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: WORDPERFECT 6.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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Nicholas Dean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                              IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                           DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                      06-JUN-1995
                                                                                                                                                                                                                                                                                  07-JUN-1995
16-OCT-1991
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                                                           US 08/058,023
                                                                                                          US 07/089,996
              US 07/777,007
                                                                                                                                                                                                                                                   US 08/470,129
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Pred. No. 1.6e
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PRIOR APPLICATION DATA:

15-OCT-1991

US 07/777,760

FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER:

16-MAR-1992

US 07/852,852

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Query Match
Best Local Similarity
Watches 15; Conserve
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                                                                                                                        ; OTHER INFORMATION: synthetic oligonucleotide US-09-082-649B-77
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                                                 Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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SEQ ID NO 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 77, Application US/09082649B Patent No. 6339068
                                                                                                                                                                                                                                                                                                                FILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Schorr, Joachim
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization
TITLE OF INVENTION: Therapeutic Protocols
                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/047,209 PRIOR FILING DATE: 1997-05-20
                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: IS
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US91/00243
FILING DATE: 11-JAN-1991
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 07/436,358
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                  3789 GGCAGGGCGGCCGGCGGG 3806
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Krieg, Arthur M.
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                                                                     Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1
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                                                    Mismatches
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                                                                                   Length 20;
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US-08-337-120A-17/c
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SEQ ID NO 77
LENGTH: 20
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Best Local Similarity 83.3%;
Matches 15; Conservative
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                              ZIP: 20005-3315

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/337,120A

FILING DATE: 12-NOV-1994

CLASSIFICATION: 514
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CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR FILING DATE: 1997-05-20
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APPLICANT: Peyman
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization
TITLE OF INVENTION: Therapeutic Protocols
FILE REFERENCE: C1039/7009
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                   PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                         STREET: 1300 I S
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                            ADDRESSEE: Finnegan, Henderson, Farabo
ADDRESSEE: Dunner, L.L.P.
STREET: 1300 I Street, N.W., Suite 700
APPLICATION NUMBER:
                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3789 GGCAGGGCGGCCGGCGGG 3806
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Krieg, Arthur M.
Schorr, Joachim
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 DE P 43 38 704.7
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Pred. No. 1
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US-09-660-925B-25/c
; Sequence 25, Application US/09660925B
; Patent No. 6352858
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APPLICANT: Hiller, Kara B.
TITLE OF INVENTION: Antisense Fucosyltrans;
TITLE OF INVENTION: Use Thereof
FILE REFERENCE: Weston and Hiller
CURRENT APPLICATION NUMBER: US/09/556,031
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: 60/131,068
PRIOR FILING DATE: 1999-04-26
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            GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF BTAK EXPRESSION
FILE REFERENCE: RTS-0177
CURRENT APPLICATION NUMBER: US/09/660,925B
CURRENT APPLICATION NUMBER: 2000-09-11
NUMBER OF SEQ ID NOS: 48
                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn V
SEQ ID NO 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 20, Application US/09556031 Patent No. 6350868
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                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE: OTHER INFORMATION: Description of Artificial Sequence:antisense OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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REGISTRATION NUMBER: 32,220
REFERENCE/DOCKET NUMBER: 024
TELECOMMUNICATION INFORMATION:
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NO 25
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E: DNA (genomic)
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83.3%;
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Pred. No. 1.
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Pred. No. 1.6e+03;
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                                                                                                            US-08-618-957A-26
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                                                      Matches
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Best Local Similarity
Matches 15; Conserv
                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                        FILING DATE: 20-MAR-1:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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                                                                                                                                                                                                                                                                   NAME: POISSANT, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 00
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                         TOPOLOGY: 1
                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
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TELEFAX: 66141 PENNIE
TELEX: 66141 PENNIE
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OPERATING SYSTEM:
                                                                    Local
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                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/618,957A
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                          4312 TGGGTCCCCAGCTCGCTC 4329
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                                                                    Similarity
                                                                                                                                                               1: 20 base pairs nucleic acid
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Pred. No. 1.6e
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                                                                    Score 13.2;
Pred. No. 1
                                                      Mismatches
                                                                     1.6e+03
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RESULT 2443
US-09-561-497-41
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                             Sequence 41, Application US/09561497
Patent No. 6372433
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
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APPLICANT: Tyagi, Sanjay
APPLICANT: Yardi, Fred R.
APPLICANT: Vartikian, Robert
TITLE OF INVENTION: HIGH SPECIFICITY PRIMERS,
TITLE OF INVENTION: METHODS AND KITS
FILE REFERENCE: 07763-036001
CURRENT APPLICATION NUMBER: US/09/903,915
CURRENT FILING DATE: 2001-07-12
CURRENT FILING DATE: 2001-07-12
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Best Local Similarity
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LENGTH: 20
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SOFTWARE: FREUSEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 20
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                                                                                                                                                                                                                                                                                                  Matches
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/662,250A
CURRENT FILING DATE: 2000-09-14
NUMBER OF SEQ ID NOS: 102
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANT
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                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
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    F: Brenda F. Baker
    F: C. Frank Bennett
    F: Jacqueline Wyatt
    INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION

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Pred. No. 1.6e+03;
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Pred. No. 1
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US-09-659-791A-47

Sequence 47, Application US/09659791A

Sequence 47, Application US/09659791A

Patent No. 6383808

GENERAL INFORMATION:
APPLICANT: SUBAN M. Freier
APPLICANT: SUBAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
FILE REFERENCE: RTS-0156
CURRENT APPLICATION NUMBER: US/09/659,791A
CURRENT APPLICATION NUMBER: US/09/659,791A
CURRENT FILING DATE: 2000-09-11
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 47
SEQ ID NO 47
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                                                      ; OTHER INFORMATION: Antisense Oligonucleotide US-09-659-791A-47
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LENGTH: 20
TYPE: DNA
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Best Local S
Matches 15
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LENGTH: 20
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APPLICANT: Ian Popoff
APPLICANT: Jacquelin
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Best Local Similarity
Query Match
Best Local Similarity
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CURRENT FILING DATE: 2000-04-29
NUMBER OF CONT.
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CURRENT FILING DATE: 2000-12-06
NUMBER OF SEQ ID NOS: 57
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TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2,
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0214
                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                       FEATURE:
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15; Conserv
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Mismatches
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Pred. No. 1.
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 13.2; DB 1;
No. 1.6e+03;
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Score Pred.

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RESULT 2447
US-09-167-109-192/c
US-09-167-109-192/c
; Sequence 192, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
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PATENT NO. 6391636
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: Antise
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Best Local
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 APPLICANT: Baker,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/756,806
FILING DATE: NO. 6391636ember 26, 199
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
APPLICATION NUMBER: 08/888,982
FILING DATE: July 7, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/462,261
FILING DATE: 01-Mar-2000
CLASSIFICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 II
COMPUTER: Pentium
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.1
                                                                                                                                                                                                                                                                                                                     ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 42
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                                                                                                                                                                                                                                                                                                                                                                    TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Jane Massey Licata, Esq
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
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TELEFAX: (609) 8:
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Pred. No. 1.6e+03;
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US-09-844-634-32/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-101
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Best Local S
Matches 15
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CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                        Sequence 101, Application US, Patent No. 6410324
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
                                                                                TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/09/844,634
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 101
LENGTH: 20
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SEQ ID NO 192
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: C. Frank Bennett APPLICANT: Andrew T. Watt
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APPLICANT: XU, Xiaoxing SS.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
FILE REFERENCE: ISPH-0321
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CURRENT FILING DATE: 1998-10-06
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                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
                                  FEATURE:
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Pred. No. 1.
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             RESULT 2452
US-09-851-896-48/c
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                                                                                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-09-851-896-45
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CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 133
LENGTH: 20
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APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
APPLICANT: ANDREW T. TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 133, Application US/09844634 Patent No. 6410324
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Best Local
Sequence 48,
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6410325
                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SUBAN M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENTIALE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                            FILE REFERENCE: RTS-0220
CURRENT APPLICATION NUMBER: US/09/851,896
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 89
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                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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LENGTH: 20
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Application US/09851896
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Pred. No. 1.
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Pred. No. 1
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Pred. No. 1.6e+03;
0; Mismatches 3
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                                                                                                                                  Gaps
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, OTHER INFORMATION: Antisense Oligonucleotide US-09-851-896-59
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US-09-506-073-121
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 59
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                              Sequence 121,
Patent No. 64:
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CURRENT APPLICATION NUMBER: US/09/506,073
CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER APPLICATION NUMBER: PCT/US98/13961
EARLIER FILING DATE: 1998-07-06
                                                                                                       APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/851,896
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDITIE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: RTS-0220
CURRENT APPLICATION NUMBER: US/09/851,896
CURRENT FILING DATE: 2001-05-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: RTS-0220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1975 GCATCGTGGTGCTGGCCA 1992
                                                                                                                                                                                                                                                                                                                     1690 AGCACTCAGAGCAGCCGG
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Pred. No. 1
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Pred. No. 1.6e+03
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RESULT 2456
US-09-295-593-17/c
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US-09-348-097-44
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US-09-348-097-44
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                                                                               Sequence 17, Application US/09295593
Patent No. 6417169
GENERAL INFORMATION:
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LENGTH: 20
                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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SEQ ID NO 121
LENGTH: 20
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Best Local
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APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
APPLICANT: LEE, Yoon S.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE OLIGONUCLEOTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/348,097
CURRENT FILING DATE: 1999-07-06
EARLIER APPLICATION NUMBER: 60/091,983
EARLIER FILING DATE: 1998-07-06
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Millis, James R.
APPLICANT: Saucy, Gabriel G
APPLICANT: Maurina-Brunker, Julie
APPLICANT: McMullin, Thomas W
TITLE OF INVENTION: METHOD OF VITAMIN PRODUCTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BARLIER APPLICATION NUMBER: US 08/888,982
EARLIER FILING DATE: 1997-07-07
EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER FILING DATE: 1996-11-26
EARLIER FILING DATE: 1996-11-26
EARLIER APPLICATION NUMBER: PCT/US95/07111
EARLIER FILING DATE: 1995-05-31
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 3161-29
                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (1)..(20)
OTHER INFORMATION: PRIMER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                                                                                                       Score 13.2; DB 1;
Pred. No. 1.6e+03;
D; Mismatches 3
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US-09-597-735-77

Sequence 77, Appli Patent No. 6420124

Application US/09597735

APPLICANT: Keating,

INFORMATION

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US-09-597-735-49
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                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/597,735
CURRENT FILING DATE: 2000-06-19
EARLIER APPLICATION NUMBER: 09/135,010
EARLIER FILING DATE: 1998-08-17
EARLIER FILING DATE: 1998-07-29
EARLIER APPLICATION NUMBER: 08/921,068
EARLIER APPLICATION NUMBER: 08/921,068
EARLIER APPLICATION NUMBER: 08/939,383
EARLIER APPLICATION NUMBER: 08/739,383
EARLIER APPLICATION NUMBER: 08/739,383
                                                                                    Query Match
Best Local S
                                                                                                                                                                             SEQ ID NO 49
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL TITLE OF INVENTION: GROWTH
FILE REFERENCE: 032396-046
CURRENT APPLICATION NUMBER: US/09/295,593
CURRENT FILING DATE: 1999-04-22
EARLIER APPLICATION NUMBER: US 60/082,791
EARLIER FILING DATE: 1998-04-23
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 17
                                                                        Matches
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 49,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Sanguinetti, Michāel
APPLICANT: Curran, Mark E.
APPLICANT: Landes, Gregory M.
APPLICANT: Connors, Timothy D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 20
TYPE: DNA
ORGANISM: Human
                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2
                                                                                                                                                                                                                                                                EARLIER APPLICATION NUMBER: 60/019,014
EARLIER FILING DATE: 1995-12-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME
FILE REFERENCE: 2323-133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Burn, Timothy C.
                                                                                                                                                           ORGANISM: Homo sapiens
                                 3359 CTCCCCGCTGGGGCCCTG 3376
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                                                                      Conservative
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Pred. No. 1
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Pred. No. 1
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                                                                                                 US-09-657-452A-166
                                                                                                                      RESULT 2460
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; ORGANISM: Homo sapiens
US-09-597-735-77
                                                                                                                                                                                                                                                                                                                                              US-09-657-452A-110
                Sequence 166, Application US/09657452A PATENT NO. 6426188 GENERAL INFORMATION: APPLICANT: Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 178
SEQ ID NO 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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LENGTH: 20
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TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME
FILE REFERENCE: 2323-133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/657,452A
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
FILE REFERENCE: RTS-0125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EARLIER FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 116
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EARLIER APPLICATION NUMBER: 08/739,383
EARLIER FILING DATE: 1996-10-29
EARLIER APPLICATION NUMBER: 60/019,014
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EARLIER FILING DATE: 1998-07-29
EARLIER APPLICATION NUMBER: 08/921,068
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CURRENT FILING DATE: 2000-06-19
EARLIER APPLICATION NUMBER: 09/135,010
EARLIER FILING DATE: 1998-08-17
EARLIER FILING DATE: 1998-08-17
  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Burn, Timothy C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Landes, Gregory M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Sanguinetti, Michael
                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                                                                                      3013
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                                                                                                                                                                                CCCATCTCACACACCATG 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CTCTTCCCTGGGGCCCTG 18
Jacqueline Wyatt
                                                                                                                                                                                                                                                               Conservative
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Pred. No. 1.6e+03;
0; Mismatches 3;
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Pred. No. 1.
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                                                     ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-663-12
                                                                                                                                                                                                                                                                                                                                                              US-09-920-663-12/c
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                                                                                                                                 NUMBER OF SEQ ID NOS: 49
SEQ ID NO 12
LENGTH: 20
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CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 166
LENGTH: 20
                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lox M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF RIP2 EXPRESSION
FILE REFERENCE: RTS. 10233
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SEQ ID NO 167
LENGTH: 20
TYPE: DNA
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Best Local Similarity
Matches 15; Conserv
 Best Local Similarity
                  Query Match
                                                                                                                                                                                                                                                                                                                           Sequence 12, Application US/09920663 Patent No. 6426221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
FILE REFERENCE: RTS-0125
CURRENT APPLICATION NUMBER: US/09/657,452A
CURRENT FILING DATE: 2000-09-07
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Best Local Similarity
                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/920,663
CURRENT FILING DATE: 2001-08-01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                         FEATURE:
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Pred. No. 1.6e+03
 Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.
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                  Length 20;
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-295-49
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CURRENT FILING DATE: 1999-11-22
PRIOR APPLICATION NUMBER: 09/135,020
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-663-13
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LENGTH: 20
TYPE: DNA
                                                                                                                                                                                         NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn Ver
SEQ ID NO 49
                                  Best Local Similarity 83.3
Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
                                                                        Query Match
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Patent No. 643264
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Patent No. 6426221
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF RIP2 EXPRESSION
FILE REFERENCE: RTS-0233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Sanguinetti, Michael C.
APPLICANT: Splawski, Igor
TITLE OP INVENTION: MUTATIONS IN THE KCNEI GENE ENCODING HUMAN mink WHICH
TITLE OP INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
TITLE OP INVENTION: KCNEI AS AN LQT GENE
FILE REFERENCE: 2323-131
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CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 49
                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/094,477 PRIOR FILING DATE: 1998-07-29
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3359 CTCCCCGCTGGGGCCCTG 3376
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                                                    Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
0; Mismatches 3;
                                    Mismatches
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US-09-444-295-77
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                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-09-792-594-18
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CURRENT FILING DATE: 199-11-22
PRIOR APPLICATION NUMBER: 09/135,020
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR APPLICATION NUMBER: 08/739,383
                                                                                                                                                                                                                                               SEQ ID NO 18
LENGTH: 20
TYPE: DNA
                                                                                          Matches
                                                                                                            Query Match
Best Local
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Best Local Similarity 83.3%;
Matches 15; Conservative
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                    APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0209
CURRENT APPLICATION NUMBER: US/09/792,594
CURRENT FILING DATE: 2001-02-23
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APPLICANT: Splawski, Igor

TITLE OF INVENTION: MUTATIONS IN THE KCNEI GENE ENCODING HUMAN mink WHICH

TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING

FILLE REFERENCE: 2323-131
                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
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SOFTWARE: PatentIn Ver. 2
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                                                                                                                                                                                                           FEATURE:
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                                                    4046 ACCAGGCCTCTAGGCAG 4063
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                                                                                                            Similarity
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                                                                                          Conservative
                                                                                                          0.3%;
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; Pred. No. 1.6e
0; Mismatches
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                                                                                                            Score 13.2; DB 1;
Pred. No. 1.6e+03;
                                                                                          Mismatches
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                                                                                                                                 DB 1;
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                                                                                                                           Length 20;
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RESULT 2469
US-09-661-753-18/c
; Sequence 18, Application US/09661753
; Patent No. 6436909
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US-09-661-753-11
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-67
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US-09-792-594-67/c
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                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 15; Conserv
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Patent No. 6436706
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL4 EXPRESSION
                                                                                                                       GENERAL INFORMATION:
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LENGTH: 20
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Patent No. 6436909
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LENGTH: 20
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              FILE REFERENCE: ISPH-0498
CURRENT APPLICATION NUMBER: US/09/661,753
CURRENT FILING DATE: 2000-09-14
                                                                 APPLICANT: Nicholas M. Dean
APPLICANT: Susan F. Murray
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/661,753
CURRENT FILING DATE: 2000-09-14
EARLIER APPLICATION NUMBER: 60/154,546
EARLIER FILING DATE: 1999-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Nicholas M. Dean
APPLICANT: Susan F. Murray
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
FILE REFERENCE: ISPH-0498
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CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 89
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EARLIER APPLICATION NUMBER: 60/154,546
                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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Pred. No. 1
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Pred. No. 1.6e+03;
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-907-843-86
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US-09-341-444A-19
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                                                CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                      Sequence 86, Application US/09907843
Patent No. 6440739
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
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PRIOR FILING DATE: 1998-0
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1997-0
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin versio
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Best Local Similarity 83.3
Matches 15; Conservative
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SEQ ID NO 18
LENGTH: 20
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Best Local Similarity
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                                                                                                                                                                         FILE REFERENCE: RTS-0279
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TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 310-1009
CURRENT APPLICATION NUMBER: US/09/341,444A
CURRENT FILING DATE: 1999-08-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EARLIER FILING DATE: 1999-09-17
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ORGANISM: Unknown
                                     FEATURE:
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Pred. No. 1.
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Pred. No. 1
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Matches
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SEQ ID NO 51
LENGTH: 20
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APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RTS-0186
                                                                                                                                                                                                                                                                                                                                                                            Sequence 51, Application US/09658679A Patent No. 6444464
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Best Local :
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SEQ ID NO 50
LENGTH: 20
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Patent No. 6441156
GENERAL INFORMATION:
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                                                                                              Query Match
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APPLICANT: Minna, John D.
APPLICANT: Latif, Farida
APPLICANT: Wei, Ming-Hui
APPLICANT: Wei, Ming-Hui
APPLICANT: Sekido, Yoshitaka
APPLICANT: Sekido, Yoshitaka
APPLICANT: Gao, Boning
APPLICANT: Duh, Fuh-Mei
TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
FILE REFERENCE: NIH-05043
CURRENT APPLICATION NUMBER: US/09/470,443
                                                                                                                                ·09-658-679A-51
                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/658,679A CURRENT FILING DATE: 2000-09-08
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EARLIER APPLICATION NUMBER: 60/114,359
EARLIER FILLING DATE: 1998-12-30
NUMBER OF SEQ ID NOS: 114
                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
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les 15; Conserv
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                                                           Score 13.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3;
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Pred. No. 1
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Pred. No. 1.6e+03;
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NUMBER OF SEQ ID NOS: 182
SEQ ID NO 94
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-791-211-53
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US-09-676-610B-94/c
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US-09-658-679A-80/c
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SEQ ID NO 80
LENCTON CO.
                                                                                                                      Sequence 53, Applica Patent No. 6448080 GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                           Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 94, Application US/09676610B
                                                 APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION
FILE REFERENCE: RTS-0205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION FILE REFERENCE: RTS-0138 CURRENT APPLICATION NUMBER: US/09/676,610B CURRENT FILING DATE: 2000-09-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyat
APPLICANT: Susan M. Freier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/658,679A CURRENT FILING DATE: 2000-09-08
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TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RTS-0186
CURRENT APPLICATION NUMBER: US/09/791,211
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 90
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                             2186 TCTCCGGTTCCTGGCCCT 2203
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                                                                                                                                                          Application US/09791211
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Pred. No. 1.6e+03
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GENERAL INFORMATION:
APPLICANT: Donna T.
APPLICANT: Andrew T
                                                  FILE REFERENCE: 2323-133
CURRENT APPLICATION NUMBER: US/09/597,732
CURRENT FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: 09/135,010
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR APPLICATION NUMBER: 60/094,477
PRIOR FILING DATE: 1998-07-29
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR APPLICATION NUMBER: 08/931,383
PRIOR APPLICATION NUMBER: 08/739,383
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SEQ ID NO 67
LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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LENGTH: 20
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APPLICANT: Sanguinetti, M
APPLICANT: Curran, Mark E
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CURRENT FILING DATE: 2001-02-23
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TITLE OF INVENTION: KVLQTI - A LONG QT SYNDROME GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OF INVENTION. ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0205
PRIOR APPLICATION NUMBER: 60/019,014
PRIOR FILING DATE: 1995-12-22
                                      PRIOR FILING DATE: 1996-10-29
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les 15; Conserv
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Curran, Mark E.
Landes, Gregory M.
Connors, Timothy D.
Burn, Timothy C.
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83.3%;
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Pred. No. 1.6e+03;
0; Mismatches 3;
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Pred. No. 1.6e+03;
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; ORGANISM: Homo sapiens
US-09-597-732-49
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US-09-517-467B-73/c
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LENGTH: 20
TYPE: DNA
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PRIOR FILING DATE: 1998-07-29
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR APPLICATION NUMBER: 60/019,014
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                                                                                                                                                     Sequence 73, Application US/09517467B Patent No. 6451602
GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
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Matches 15; Conserv
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APPLICANT: Ian Popoff
APPLICANT: Lex M. Coweart
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT FAPPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
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TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 116
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CURRENT FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: 09/135,010
PRIOR FILING DATE: 1998-08-17
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83.3%;
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Pred. No. 1.6e+03
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Pred. No. 1
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NUMBER OF SEQ ID NOS: 345

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GENERAL INFORMATION:
APPLICANT: IAN POPOÉÉ
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXITITE OF INVENTION: ANTISENSE MODULATION OF PARP EXITITE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 209
LENGTH: 20
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APPLICANT: Lex M. Cowsert
FITTLE OF INVENTION: ANTISENSE MODULATION OF PA
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
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                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-09-517-4678-209
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Best Local Similarity
Matches 15; Conserv
Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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LENGTH: 20
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LENGTH: 20
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                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                  TYPE: DNA
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1 Similarity 83.3%;
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Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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                                                                                                                  ; OTHER INFORMATION: Antisense Oligonucleotide US-09-780-173A-79
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US-09-780-173A-79
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US-08-520-373D-14
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CURRENT FILING DATE: 1995-08-29
PRIOR APPLICATION NUMBER: 08/377,710
PRIOR FILING DATE: 1995-01-25
PRIOR FILING DATE: 1995-01-25
PRIOR FILING DATE: 1994-07-25
PRIOR PELICATION NUMBER: 07/894,215
PRIOR APPLICATION NUMBER: 07/894,215
PRIOR FILING DATE: 1992-06-04
PRIOR FILING DATE: 1992-09-24
NUMBER: 07/952,796
PRIOR FILING DATE: 1992-09-24
NUMBER: 07/952,796
                                                                                                                                                                        Sequence 79, Application US/09780173A
Patent No. 6455307
GENERAL INFORMATION:
APPLICANT: ROBERT MCKAY
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION
FILE REFERENCE: RTS-0165
CURRENT APPLICATION NUMBER: US/09/780,173A
CURRENT FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 79
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Query Match
Best Local Similarity
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APPLICANT:
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TITLE OF INVENTION: RETINAL PIGMENTED EPITHELIUM DERIVED NEUROTROPIC FACTOR
FILE REFERENCE: 2026-4203US1
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Chader, Gerald J
Becerra, Sofia P
Johnson, Lincoln V
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Pred. No. 1
   Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Patent NO. 6455308
GENERAL INFORMATION:
APPLICANT: Mark J. Graham
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTION: MODULATION OF SERUM AMYLOID
FILE REFERENCE: RTS-0251
                                             Sequence 8, Applicat:
Patent No. 6465439
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 93
LENGTH: 20
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LENGTH: 20
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APPLICANT: Nicklin, Paul
APPLICANT: Phillips, Judi
APPLICANT: Love, William
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CURRENT APPLICATION NUMBER: US/09/657,453A
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Brett P. Mon: APPLICANT: Jacqueline Wyatt TITLE OF INVENTION: ANT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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US-09-706-197-30/c
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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SEQ ID NO 8
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: C. Frank Bennett
APPLICANT: David Spector
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE:
    SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                              1716 ATGATCACCATCTTCATC 1733
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Similarity 83.3%;
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APPLICANT: SEELA, Frank
APPLICANT: THOMAS, HORSE
ITITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES, THI
TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES, THI
TITLE OF INVENTION: USE
FILE REFERENCE: 026083/0181
CURRENT APPLICATION NUMBER: US/09/643,233
CURRENT APPLICATION NUMBER: 09/144,112
PRIOR APPLICATION NUMBER: 09/144,112
PRIOR FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 53
NUMBER OF SEQ ID NOS: 53
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OTHER INFORMATION: Description of Artificial Sequence:synthetic
; OTHER INFORMATION: oligonucleotide
US-09-254-322-8
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TITLE OF INVENTION: Pharmaceutical Compositions
FILE REFERENCE: 4-21026/MA 2138/PCT
CURRENT APPLICATION NUMBER: US/09/254,322
CURRENT FILING DATE: 1999-03-04
EARLIER APPLICATION NUMBER: PCT/EP97/04796
EARLIER FILING DATE: 1997-09-03
NUMBER OF SEQ ID NOS: 53
COMMENCE DESCRIPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/706,197
CURRENT FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 87
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Pred. No. 1
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Pred. No. 1
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; OTHER INFORMATION: Description of Artificial Sequence: Antisense; OTHER INFORMATION: Oligonucleotide
US-09-643-233-14
                                                                                                                                                                                                                                       US-09-431-385-3
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LENGTH: 20
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Best Local
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Best Local
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                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FASTSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION WINDER: US/09/431,385
FILING DATE: 1999-NOV-01
CLASSIFICATION: 435
PDTOD % TO THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY
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FILING DATE: 1998-APR-03
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Diskette
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TITLE OF INVENTION:
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ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
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TELEFAX: 706141
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34
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18
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15; Conserv
                                                                                                                   1 Similarity
15; Conserv
   CCCCTGACGAGCATCACA 1
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llarity 83.3%;
Conservative
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                                                                                                                                               0.3%;
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Pred. No. 1.
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Pred. No. 1.6e
0; Mismatches
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RESULT 2491

US-09-861-159-67

Sequence 67, Appl Patent No. 648597

Application US/09861159

GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Susan M. Freier

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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-861-159-13
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RESULT 2493
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Patent, No. 6485917
GENERAL INFORMATION:
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Best Local Similarity
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Best Local 8
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APPLICANT:
                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/861,159
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 87
                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Lex M. Cowsert
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN2 EXPRESSION
FILE REFERENCE: RTS-0243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: METHOD FOR SYNTHESIZING CDNA FILE REFERENCE: YAMAMOTO=17 CURRENT APPLICATION NUMBER: US/09/856,539 CURRENT FILING DATE: 2001-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: JP 10-337993
PRIOR FILING DATE: 1998-11-27
PRIOR APPLICATION NUMBER: PCT JP99/06560
PRIOR FILING DATE: 1999-11-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: YAMAMOTO, Junko APPLICANT: MIYAKE, Kozue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                         LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Designed oligonucleotide primer designated as Primer 3 to amplif OTHER INFORMATION: transferrin receptor mRNA.
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                                                                                4931 AGCCAAGCCCCCCAACAT 4948
                                                 20 AGCCATGCCCACCAC 3
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MUKAI, Hiroyuki
HINO, Fumitsugu
KATO, Ikunoshin
                                                                                                                   Conservative
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                                                                                                                                 0.3%;
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Pred. No. 1.6e
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Pred. No. 1
                                                                                                                   Mismatches
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                                                                                                                               ; TOPOLOGY: linear; MOLECULE TYPE: cDNA US-09-235-594-11
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CURRENT APPLICATION NUMBER: US/09/861,159
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID:NOS: 87
SEQ ID NO 67
LENGTH: 20
                                                              Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                LENGTH: 20 base Trops
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APPLICANT: Convents, Andre C
APPLICANT: Moese, Rosa Laura
                                                                                                                                                                                                                                                                         CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Cook, C. Brant
REGISTRATION UNMBER: 39,151
REFERENCE/DOCKET NUMBER: 6613
TELECOMMUNICATION INFORMATION:
TELEPHONE: (513) 627-0032
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tent No.
                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/235,594
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: LAUNDRY AND CLEANING COMPOSITIONS TITLE OF INVENTION: CONTAINING XYLOGLUCANASE ENZYMES
                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/235 FILING DATE: January 22, 1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: UZIP: 45061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
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CCTGGGAGAGAAGCAGTG 2
                            CCTGAGTGAGAAGGAGTG 1891
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11810 East Miami River Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
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                                                                Conservative
                                                                            83.3%;
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                                                                            Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03
                                                             Mismatches
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                                                                                           Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-844-521-44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: RTS-0163
CURRENT APPLICATION NUMBER: US/09/844,521
CURRENT FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 62
SEQ ID NO 62
SEQ ID NO 62
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local S
Matches 15
                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                         Sequence 176, Application US/09629644A Patent No. 6492345
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GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: C. Frank Bennett
APPLICANT: Harris Busch
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GU PROTEIN EXPRESSION
                                                                 APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GU PROTEIN EXPRESSION
FILE REFERENCE: RTS-0163
FILE REFERENCE: TRS-016344 521
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CURRENT FILING DATE: 2001-04-27
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APPLICANT: Harris Busch
                                     APPLICANT:
                                                      APPLICANT:
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   FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20
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T: Robert McKay
INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
ERENCE: ISPH-0478
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                                                    Madeline M. Butler
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Pred. No. 1
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Pred. No. 1.6e+03
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RESULT 2498
US-09-640-953-15/c
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                                                                                     ; SEQUENCE DESCRIPTION: SEQ ID NO: 15: US-09-640-953-15
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Best Local Similarity 83.3%;
Matches 15; Conservative
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CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
SEQ ID NO 176
LENGTH: 20
Query Match 0.3%; Score 13.2; DB 1; Length 20; Best Local Similarity 83.3%; Pred. No. 1.6e+03; Matches 15; Conservative 0; Mismatches 3; Indels
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GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                  TELEX: 706141
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/640,953
FILING DATE: 16-Aug-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/054,832
FILING DATE: 03-APR-1998
APPLICATION NUMBER: 08/415,370
FILING DATE: 03-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Meyer, Rich
TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
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                                                                                                                                            LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                     NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: PALO ALTO
STATE: CA
                                                                                                                                                                                                                                                                                   TELEFAX: 650-494-0792
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Pred. No. 1.6e+03;
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COUNTRY: the Netherlands
ZIP: 6525 EX
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,852B
FILING DATE: Pebruary 15, 1995
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 88
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                        US-08-388-852B-14
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Patent No. 6500919
GEMERAL INFORMATION:
APPLICANT: Adema, Gosse Jan; Figdo
Query Match
Best Local Similarity
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APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Adema, Gosse Jan; Figdor, Carl Gustav.
TITLE OF INVENTION: Melanoma associated antigenic polypeptide,
TITLE OF INVENTION: epitopes thereof and vaccine against melanoma
NUMBER OF SEQUENCES: 38
                                                                       HYPOTHETICAL: I
                                                                                                        MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS: Adema, Go
                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: Philips
CITY: Nijmegen
                                                                                                                          LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: Brabant
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l Similarity 83.3%;
15; Conservative
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William Gaarde
Brett P. Monia
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Philips van Leydenlaan 25
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Pred. No. 1.6e+03;
0; Mismatches 3;
Score 13.2; DB 1;
Pred. No. 1.6e+03;
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RESULT 2503
US-09-657-346A-119
; Sequence 119, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-09-898-361-135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-898-361-135/c
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Best Local S
Matches 15
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Best Local
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LENGTH: 20
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SEQ ID NO 46
LENGTH: 20
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Patent No. 6503:
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                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0158
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
APPLICANT: Hong Zhang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
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                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                           3834 CCGGTCAGCTCCCAGGCC 3851
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                                                                                                                                                                                                       l Similarity
15; Conserv
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15; Conserv
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Pred. No. 1.6e+03;
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Pred. No. 1
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                                                              ; Patent No. 6531305;
GENERAL INFORMATION;
GAPPLICANT: Witman,
APPLICANT: San Agus
APPLICANT: Leszyk,
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Matches
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            APPLICANT: San Agustin, Jovenal
APPLICANT: Leszyk, John D.
TITLE OF INVENTION: SPERM ASSOCIATED PROTEIN KINASE
TITLE OF INVENTION: NUCLEIC ACIDS, AND METHODS OF US
FILE REFERENCE: 07917/078001
 CURRENT APPLICATION NUMBER: US/09/394,455
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GENERAL INFORMATION:
APPLICANT: Mullia-Brunker, Julie
APPLICANT: Mullia-Brunker, Julie
APPLICANT: McMullin, Thomas W.
TITLE OF INVENTION: PRODUCTION OF FARNESOL AN
FILE REFERENCE: 3161-25
CURRENT APPLICATION NUMBER: US/09/350,275
CURRENT FILING DATE: 1999-07-06
FARLIER APPLICATION NUMBER: 60/091,964
EARLIER FILING DATE: 1998-07-06
NUMBER OF SEQ ID NOS: 51
RESULT 2505
US-09-394-455-23/c
Sequence 23, Application US/09394455
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SEQ ID NO 119
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                                                                                                                                                                                                                                                                                        LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(20)
OTHER INFORMATION: PRIMER
                                                                                                                                                                                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial
                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:PRIMER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 20
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                                                                                                                                3633 ATGCCGCGGAAGGAACCC 3650
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Pred. No. 1.6e+03
0; Mismatches
                                                                                                                                                                                    Score 13.2;
Pred. No. 1
                                                                                                                                                                   Mismatches
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Witman, George F.

POLYPEPTIDES, CORRESPONDING

the state of

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; SOFTWARE: FASTSE(
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Ovine
US-09-394-455-23
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
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US-09-422-978-6306
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                                                                                                                                                                                                         Sequence 6631, Application US/09422978 Patent No. 6537751 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 6306
LENGTH: 20
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Patent No. 6537751
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APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
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PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1998-C
NUMBER OF SEQ ID NOS: 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: primer_bind LOCATION: 1..20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: upstream amplification primer 99-10667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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Pred. No. 1.6e+03
D; Mismatches
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Pred. No. 1.6e+03;
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                                                                                                                           constructing a high density...
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NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 6631

LENGTH: 20

TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
FEATURE:
NAME/KEY: primer_bind
LCCATION: 1..20
OTHER INFORMATION: upstream amplification pr:
US-09-422-978-6631
                                                                                                                                                                          RESULT 2509
US-09-422-978-9919/c
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CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
                              Sequence 9919, Application US/09422978
Patent No. 6537751
GENERRAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
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EARLIER APPLICATION NUMBER: US
-BARLIER FILING DATE: 1998-04-21
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 6860
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Best Local (
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APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Cohen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 11796
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-19860 for SEQ 2926,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                       2985 GCCACAGAAACGCAGCTG 3002
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Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.6e+03
0; Mismatches
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Sequence 10976, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER REILING DATE: 1998-11-23
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Best Local Similarity
Them 15; Conserve
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US-09-422-978-11451
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OTHER INFORMATION: downstream amplification primer 99-23589 for SEQ 3111, US-09-422-978-10976
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US-09-422-9
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                                                                             Sequence 11451, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10976
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo Sapiens
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ORGANISM: Homo Sapiens
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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RESULT 2513 US-10-025-139-8

GENERAL INFORMATION:

Sequence 8, Application US/10025139 Patent No. 6537973

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CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION UNMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-01-23
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11451
ENGTH: 20
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TYPE: DNA

FRANISM: Homo Sapiens

FRATURE:

FRATURE:

FRANE/KEY: primer_bind

LCATION: 1..20

OTHER INFORMATION: downstream amplification primer 99-6707 for SEQ 3586, in compleme US-09-422-978-11451
                                                                                                                                                          ; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: primer US-09-230-652-138
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CURRENT APPLICATION NUMBER: US/09/230,652A
CURRENT FILING DATE: 1999-05-17
EARLIER APPLICATION NUMBER: FR 96 09733
EARLIER FILING DATE: 1996-08-01
EARLIER APPLICATION NUMBER: FR 97 04680
EARLIER FILING DATE: 1997-04-16
EARLIER APPLICATION NUMBER: PCT/FR97/01433
EARLIER FILING DATE: 1997-07-31
NUMBER OF SEQ ID NOS: 163
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                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 138
LENGTH: 20
                                                                                             Query Match
Best Local
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                                                                             Matches 15;
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Tournier-Lasserve, Elisabeth APPLICANT: Joutel, Anne APPLICANT: Bousser, Marie-Germaine APPLICANT: Bach, Jean-Francois TITLE OF INVENTION: GENE INVOLVED IN CADASIL, TITLE OF INVENTION: THERAPEUTIC APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                    2377 AGAGGAGGGAGCAGAAGG 2394
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                                                                                                 Similarity
AGAGCAGGAAGCAGAGGG
                                                                             Conservative
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83.3%;
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Pred. No. 1.6e+03
0; Mismatches
                                                                                               Score 13.2;
Pred. No. 1.
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APPLICANT: Dean, Nicholas M.
APPLICANT: Holmlund, Jon T.
APPLICANT: Holmlund, Jon T.
APPLICANT: Dorr, F. Andrew
TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
FILE REFERENCE: ISIS4954
CURRENT APPLICATION NUMBER: US/10/025,139
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR APPLICATION NUMBER: US 08/829,637
PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR APPLICATION NUMBER: US 08/478,178
PRIOR APPLICATION NUMBER: US 08/478,996
PRIOR APPLICATION NUMBER: US 08/089,996
PRIOR APPLICATION NUMBER: US 07/852,852
PRIOR APPLICATION NUMBER: US 07/852,852
PRIOR FILING DATE: 1993-07-09
PRIOR APPLICATION NUMBER: US 07/852,852
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US-09-060-299-126
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Best Local Similarity 83.3%;
Matches 15; Conservative
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                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merziman, Tony R
APPLICANT: Merziman, Tony R
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF EEQUENCES: 455
CORRESPONDENCE ADDRESS:
                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: UPPLICATION DATA: 15-APR-1
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
APPLICATION NUMBER: US 60/048,740 FILING DATE: 05-JUN-1997
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Hess, John W
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Hammond, Holly
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                                                                   15-APR-1997
                                                                                            US 60/043,553
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Pred. No. 1.6e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   sequence 268,
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Best Local Similarity 83.3%;
                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
               TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PM PC FOOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 62
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Metzker, TITLE OF INVENTION: NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 62
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 1100
CITY: Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 15-APR CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Nixon and Vanderhye STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
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                                                                  TELEPHONE:
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ENGTH:
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Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
VENTION: No. 6545137el Receptor
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Hammond, Holly
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Hess, John W
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                                                                    (703)816-4091
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Pred. No. 1
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US-09-705-267A-168/c
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; TYPE: DNA
; ORGANISM: Bynthetic construct
US-09-322-624-17
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US-09-322-624-17/c
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APPLICANT: Glimcher, L et al.

TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO MODULATION OF TITLE OF INVENTION: CARTILAGE GROWTH BY MODULATION OF NEATD ACTIVITY FILE REFERENCE: HU1-035CP
CURRENT APPLICATION NUMBER: US/09/322,624
CURRENT FILING DATE: 1999-05-28
EARLIER APPLICATION NUMBER: USSN 09/087,139
EARLIER FILING DATE: 1998-05-28
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hong Zhang
APPLICANT: Sugan M. Freier
APPLICANT: Sugan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 168
LENGTH: 20
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Hest Local Similarity 83.3%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 17, Application US/09322624
Patent No. 6548734
GENERAL INFORMATION:
                                                                                                                                                                     Query Match
Best Local (
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                     Local Similarity
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                                                                                                                                    Score 13.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3;
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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                                                          RESULT 2519
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US-09-402-923A-126
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                                                                             Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 126:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: ECT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
FILING DATE: 05-JUN-1997
                                                                                                                                                                                                                                                                                                                   NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 62/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Hey, Patricia

Kawaguchi, Yoshihiko

Merriman, Tony R

Metzker, Michael L

TITLE OF INVENTION: No. 6555654el LDL-Receptor

NUMBER OF SEQUENCES: 455

CORRESPONDENCE ADDRESS:
                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO: 126:
                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Todd, John A
Hess, John W
                           513 ATGGTCCCCTGCTGGAAC 530
3 ACGGTCCTCTTCTGGAAC 20
                                                                                                                                                                                                  LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Arlington
STATE: Virginia
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                                                                               Conservative
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Hammond, Holly
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                                                                                                0.34;
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                                                                             Score 13.2; DB 1
Pred. No. 1.6e+03
0; Mismatches
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                                                                                                                       DB 1;
                                                                                                                  Length 20;
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APPLICANT: Todd, John A Hess, John W

Caskey, Charles Cox, Roger D

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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                               Sequence 1346, Application US/09198452A Patent No. 6559294
GENERAL INFORMATION:
                                                                           NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1346
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
-09-198-452A-1346
                                                                                                                             APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence
TITLE OF INVENTION: thereof and uses thereof, in particul
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 268: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-UN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: US

ZIP: VA 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/402,923A

FILING DATE: 14-Feb-2001

PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 62
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Hey, Patricia
Kawaguchi, Yoshihiko
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 6555654el LDL-Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2292 CCTACCTGGGAGGCAGAA 2309
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: Virginia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
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Pred. No. 1.6e+03;
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RESULT 2522
US-09-198-452A-1854/c
US-09-198-452A-1854, Application US/09198452A
RESULT 2523
US-09-198-452A-2001/c
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                                                                                                                                                                                                                  ; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1854
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; Sequence 1687, Application US/09198452A
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Best Local Similarity 83.3
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Best Local Similarity 83.3%;
Matches 15; Conservative
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SEQ ID NO 1687
LENGTH: 20
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Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais,
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1854, Applion Patent No. 6559294
GENERAL INFORMATION:
                                                                                                                                            Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1854
                                                                                                                                                                                                                                                                                                                            APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment:
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev.
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT EPPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment: TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, previTITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/198,452A CURRENT FILING DATE: 1998-11-24
                                                                                              5064 CTTTTCTTCCTATCTCTG
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s; Pred. No. 1.6e
0; Mismatches
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Pred. No. 1
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Pred. No. 1.6e+03
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Sequence 2001, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment:

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Patent No. 6559294

; GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2323
; LENGTH: 20
S
                                                                                                / TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2464
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2323
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2001
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                         Query Match
Best Local Similarity
Matches 15; Conserv
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2001
LENGTH: 20
                                                                                                                                              FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2464
LENGTH: 20
                                                                                                                                                                                                                                                                                                                            Sequence 2464, Application US/09198452A Patent No. 6559294
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Patent No. 6559294
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Best Local
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TITLE OF INVENTION: Chereof and uses thereof, in particul
TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
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les 15; Conserv
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mes 15; Conservative
 4199 TTTCAGGAAAGGGCCTAG 4216
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83.3%;
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Pred. No. 1.6e+03;
0; Mismatches 3
                                               Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
                                 Mismatches
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; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2694
; LENGTH: 20
; TYPE; DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2694
                                                                                                                                                                                                                                            US-09-198-452A-2848/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-198-452A-2802
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; NUMBER OF SEQ ID NOS: 6
SEQ ID NO 2802
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pn
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                GENERAL INFORMATION:
APPLICANT: Oriffais, R.
APPLICANT: Oriffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fraging of invention: thereof and uses thereof, in particular for the diagnosis, TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
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                                                                                                                                                                                                Sequence 2848, Application Patent No. 6559294
                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Griffais, R. TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragilitic OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragilitic OF INVENTION: the diagnosis, TITLE OF INVENTION: and treatment of infection particular for the diagnosis, FILE REFERENCE: 9710-003-999
CURRENT EPPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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SEQ ID NOS: 6849
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Pred. No. 1
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US-09-198-452A-3436/c
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2848
RESULT 2531
US-09-198-452A-3674/c
                                                                                                                                                                                                                              ; ORGANISM: Chlamydia pneumoniae US-09-198-452A-3436
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3417
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment: TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preventible of INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 3436

LENGTH: 20

TYPE: DNA

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849
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Best Local S
Matches 15
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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Best Local
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LENGTH: 20
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Patent No. 6559294
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LENGTH: 20
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                                                                                                                                                      Local Similarity
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Local Similarity 83.3%;
les 15; Conservative
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                                                                                                                                                                      Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
0; Mismatches 3;
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US-09-198-452A-3906/c
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US-09-198-452A-3679/c
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3674
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APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev:
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3906
LENGTH: 20
TYPE: DNA
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LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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SEQ ID NO 3674
LENGTH: 20
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APPLICANT: Griffais, R.

APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
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Best Local Similarity
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TITLE OF INVENTION: Chared and uses thereof, in particular for the diagnos
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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83.3%; Pred. No. 1
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Pred. No. 1.6e
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ORGANISM: Chlamydia pneumoniae -09-198-452A-3906

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US-09-198-452A-4863/c
; Sequence 4863, Application US/09198452A
; Patent No. 6559294
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GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4685
LENGTH: 20
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APPLICANT: Griffais, R.
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LENGTH: 20
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APPLICANT: Griffals, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frac
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Chlamydia pneumoniae
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ORGANISM: Chlamydia
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les 15; Conserv
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Pred. No. 1
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Pred. No. 1.
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4544 AAAACACGTGCCCAAACC

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SEQ ID NO 4863

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia p

US-09-198-452A-4863
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US-09-198-452A-5011/c
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US-09-198-452A-4946/c
                                                                       US-09-198-452A-5011
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Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fracTITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
                                                                                      SEQ ID NO 5011
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4446
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GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
PILE REFERENCE: 9710-003-999
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Best Local
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Best Local &
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                                  Query Match
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FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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                   0.34;
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83.3%; Pred. No. 1.
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Pred. No. 1.6e+03
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Pred. No. 1
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                                        DB 1;
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                                    Length 20;
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5105
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US-09-198-452A-5246
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US-09-198-452A-5105/c
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APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: and treatment of infection
TITLE OF INVENTION: and treatment of infection
TITLE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5246
LENGTH: 20
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5105
LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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Patent No. 6559294
GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserva
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APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment:
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev.
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Chlamydia pneumoniae
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Pred. No. 1.6e+03;
0; Mismatches 3;
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GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pheumoniae genomic sequence and polypeptides, fragment rITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev rITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 5486

LENGTH: 20

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-5486
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US-09-198-452A-5486
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                                                                   Query Match
Best Local S
Matches 15
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CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 5363

LENGTH: 20
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Best Local Similarity 83.3%;
Matches 15; Conservation
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APPLICANT: Griffais, R.
                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5486, Application US/09198452A Patent No. 6559294
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ORGANISM: Chlamydia pneumoniae
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Local Similarity 83.3%;
hes 15; Conservative
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                                 1357 TGCACGAGGGTCCTGAGT 1374
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val Similarity 83.3%;
15; Conservation
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TGCACGATGGTCCATAGT
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                                                               ; Score 13.2; ; Pred. No. 1. 0; Mismatche
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Pred. No. 1
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Pred. No. 1.6e+03;
                                                                       Mismatches
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                                                                                    .6e+03;
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RESULT 2544 US-09-198-452A-5490/c

Sequence 5490, Application US/09198452A

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RESULT 2546
US-09-198-452A-5744/c
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5508
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US-09-198-452A-5508/c
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5490
                                           US-09-198-452A-5744
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Best Local S
Matches 15
                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides,
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnos
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmente TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5490
LENGTH: 20
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LENGTH: 20
                                                                                                                  SEQ ID NO 5744
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Best Local
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                                                        TYPE: DNA
ORGANISM: Chlamydia
                                                                                                 LENGTH: 20
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nes 15; Conserv
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Pred. No. 1.
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Pred. No. 1.6e+03;
Score 13.2;
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RESULT 2549
US-09-808-358-9/c
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US-09-198-452A-6250/c
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Sequence 9, Application US/09808358
Patent No. 6562955
GENERAL INFORMATION:
APPLICANT: TOSOH Corporation
TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using th
TITLE OF INVENTION: Oligonucleotides
                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 83.3
Matches 15; Conservative
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6350
LENGTH: 20
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: chlamydia pneumoniae genomic sequence and polypeptides, fragmente
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
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CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6550
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APPLICANT: Griffais,
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Matches 15; Conserv
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Patent No. 6559294
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Matches 15; Conser
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                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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83.3%; Pred. No. 1
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83.3%; Pred. No. 1
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; APPLICANT: Loughney, Kate
; TITLE OF INVENTION: Phosphodiesterase 8A
; FILE REFERENCE: 27866/35047
; CURRENT APPLICATION NUMBER: US/09/686,055A
; CURRENT FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: 08/951,648
; PRIOR FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
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CURRENT APPLICATION NUMBER: US/09/808,358

CURRENT FILING DATE: 2001-03-15

NUMBER OF SEQ ID NOS: 48

SEQ ID NO 21

LENGTH: 20
                                                                                                                                                                                                                                                                                                 Sequence 44, Application US/09686055A Patent No. 6566087
GENERAL INFORMATION:
APPLICANT: Loughney, Kate
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Best Local Similarity
Matches 15; Conserv
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Best Local
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LENGTH: 20
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CURRENT FILING DATE: 2001-03-15
NUMBER OF SEQ ID NOS: 48
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Description of Artificial Sequence:primer
                                         ORGANISM: Artificial Sequence
                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: oligonucleotide capable of binding specifically to tdh2 or OTHER INFORMATION: RNA derived therefrom
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Pred. No. 1.6e+03;
0; Mismatches 3
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Best Local
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                                                                                                        ; OTHER INFORMATION: Antisense Oligonucleotide US-09-922-146-20
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US-09-922-146-20
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Best Local S
Matches 15
                                                    Best Loc
Matches
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CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 48
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 1 EXPRESSION
FILE REFERENCE: RTS-0.234
CURRENT APPLICATION NUMBER: US/09/843,376
CURRENT FILING DATE: 2001-04-26
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 31
LENGTH: 20
                                                                                                                                                                                                                                                                                                 Sequence 20, Applica Patent No. 6566133 GENERAL INFORMATION:
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                                                                            Query Match
                                                                                                                                                                                                                                                 FILE REFERENCE: RTS-0252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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mes 15; Conserv
                                                                Local
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               GGCCCACGCCCACCATGG 516
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GGCCCAGACCCTCCATGG
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83.3%; Pred. No. 1.6e+03
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Pred. No. 1.6e+03
                                                    Pred. No. 1.6
0; Mismatches
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US-09-922-146-34/c US-09-922-146-34/c ; Sequence 34, Application US/09922146 ; Patent No. 656613

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US-09-679-299A-109/c
; Sequence 109, Application US/09679299A
; Patent No. 6566115
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-922-146-40
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                                                                CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 109
LENGTH: 20
                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0187
                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 83.3 Matches 15; Conservative
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LENGTH: 20
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LENGTH: 20
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APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION
FILE REFERENCE: RTS-0252
CURRENT APPLICATION NUMBER: US/09/922,146
CURRENT FILING DATE: 2001-08-01
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APPLICANT: Brett P. MODIA
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 9 EXPRESSION
FILE REFERENCE: RTS-0352
CURRENT APPLICATION NUMBER: US/09/922,146
CURRENT FILLING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                         TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Antisense Oligonucleotide
                    FEATURE:
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les 15; Conserv
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Pred. No. 1.
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Pred. No. 1.6e+03;
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TITLE OF INVENTION: dapE GENE OF HELICOBACTER PYLORI
TITLE OF INVENTION: dapE MUTANT STRAINS OF HELICOBACTER PYLORI
FILE REFERENCE: 22000.0072
CURRENT APPLICATION NUMBER: US/09/331,568A
CURRENT FILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: PCT/US97/24147
PRIOR FILING DATE: 1997-12-23
PRIOR APPLICATION NUMBER: 60/033,824
PRIOR APPLICATION NUMBER: 60/033,824
PRIOR FILING DATE: 1996-12-23
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 21
LENGTH: 20
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                                                                   ; OTHER INFORMATION: US-09-702-083-11
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US-09-702-083-11/c
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                                                                                                                                         SOFTWARE: PatentIn version 3.2
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: The Procter & Gamble Company
TITLE OF INVENTION: Liquid Detergent Compositions Comprising
FILE REFERENCE: 7574R&
Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                      Sequence 11, Application US/09702083 Patent No. 6573234
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Best Local :
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Best Local Similarity 83.3%;
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CURRENT FILING DATE: 2000-10-30
PRIOR APPLICATION NUMBER: US 09/320,519
PRIOR FILING DATE: 1999-05-26
NUMBER OF SEQ ID NOS: 18
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                                                                                                  FEATURE:
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                                                                                                                     ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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Score 13.2; DB 1
Pred. No. 1.6e+03
0; Mismatches
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Pred. No. 1
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Pred. No. 1.6e+03
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                                  DB 1; Length 20,
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                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-731-49
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; ORGANISM: Homo sapiens
US-09-389-487-8
                                                                                                                           SOFTWARE: P
SEQ ID NO 49
LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: IVANOV, Tina R.

TITLE OF INVENTION: DAS SEQUENCE ENCODING A HUMAN IMIDAZOLINE RECEPTOR AND TITLE OF INVENTION: METHOD FOR CLONING THE SAME FILE REFERENCE: Corrected Sequence Listing

Patent No. 6576742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 49, Application US/09597731
Patent No. 6582913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 8, Appli
Patent No. 65767
                                       Query Match
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                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/597,731
CURRENT FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: 09/135,010
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/389,487
CURRENT FILING DATE: 1999-09-03
EARLIER APPLICATION NUMBER: US 08/650,766
EARLIER FILING DATE: 1996-05-20
NUMBER OF SEQ.ID NOS: 21
                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1995-12-22
                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Burn, Timothy C.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-133
                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                         PRIOR FILING DATE:
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y Match 0.3%;
Local Similarity 83.3%;
hes 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Curran, Mark E.
Landes, Gregory M.
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 Score 13.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1.6e+03;
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                                   DB 1; Length 20;
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US-09-618-166-92
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-731-77
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US-09-597-731-77
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PRIOR FILING DATE: 1998-08-17
PRIOR PELICATION NUMBER: 08/921,068
PRIOR FILING DATE: 1997-08-29
PRIOR APPLICATION NUMBER: 08/739,383
PRIOR FILING DATE: 1996-10-29
PRIOR FILING DATE: 1996-10-29
PRIOR FILING DATE: 1995-12-22
NUMBER: 0F SEQ ID NOS: 116
                                                                                                                                                                                                                                                                                                                                                                                              Sequence 92, Applicati
Patent No. 6583112
GENERAL INFORMATION:
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SEQ ID NO 77
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Patent No. 6582913
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2000-06-19
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TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
FILE REFERENCE: 2323-133
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/618,166
                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                       Mulligan, John T.
Schellenberg, Gerald D..
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Fu, Ying-Hui
Yu, Chang-En
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                                                                                                                                                             CITY: Seattle
STATE: Washington
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                                                                                                                              COUNTRY: USA
ZIP: 98104-7092
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Pred. No. 1.
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US-09-249-247-133/c
Sequence 133, Application US/09249247
Patent NO. 6593305
GENERAL INFORMATION:
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FITTLE OF INVENTION: METHOD AND APPARATUS FOR IN SI:
FILE REFERENCE: 05871.0002.CPUS04
CURRENT APPLICATION NUMBER: US/09/645,021
CURRENT FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: 09/314,456
PRIOR FILING DATE: 1999-05-18
PRIOR FILING DATE: 1999-05-06
PRIOR APPLICATION NUMBER: 08/465,761
PRIOR PILING DATE: 1995-06-06
NUMBER: 05/80,761
PRIOR PILING DATE: 1995-06-06
NUMBER: 05/80,761
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5, Application US/09645021
Patent No. 6589726
GENERAL INFORMATION:
APPLICANT: Butler, John H.
APPLICANT: Brennan, Thomas M.
                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 5
LENGTH: 20
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Best Local (
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APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Alping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-023
CURRENT APPLICATION NUMBER: US/09/249,247
CURRENT FILING DATE: 1999-02-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 92: SEQUENCE CHARACTERISTICS:
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Local Similarity 83.3%;
nes 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 240052.419C1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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TELEFAX: (206) 682-6031
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Pred. No. 1.
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Pred. No. 1.6e+03;
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EARLIER APPLICATION NUMBER: US 60/023,040
EARLIER FILING DATE: 1996-08-02
EARLIER APPLICATION UNMBER: US 60/039,959
EARLIER FILING DATE: 1997-03-07
EARLIER FILING DATE: 1997-03-07
EARLIER FILING DATE: 1997-08-01
FEARLIER FILING DATE: 1997-08-01
NUMBER OF SEQ ID NOS: 220
SEQ ID NO 133
LENGTH: 20
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; ORGANISM: Human
US-09-249-247-133
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-249-247-139
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-023
CURRENT APPLICATION NUMBER: US/09/249,247
CURRENT FILING DATE: 1999-02-11
EARLIER APPLICATION NUMBER: US 60/023,040
EARLIER APPLICATION NUMBER: US 60/023,040
EARLIER APPLICATION NUMBER: US 60/039,959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EARLIER APPLICATION NUMBER: US 08/904,901
EARLIER FILING DATE: 1997-08-01
NUMBER OF SEQ ID NOS: 220
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 139
LENGTH: 20
                                                                                                                                                                                                                                                          Sequence 185, Application US/09249247 Patent No. 6593305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local Similarity
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APPLICANT: YOUNG, Aipling H.
APPLICANT: YOUNG, Aipling H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-023
CURRENT APPLICATION NUMBER: US/09/249,247
CURRENT FILLING DATE: 1999-07-11
EARLIER APPLICATION NUMBER: US 60/023,040
EARLIER APPLICATION NUMBER: US 60/039,959
EARLIER APPLICATION NUMBER: US 60/039,959
EARLIER APPLICATION NUMBER: US 60/039,959
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.6e+03
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GENERAL INFORMATION:

APPLICANT: WRIGHT, Jim A.

APPLICANT: YOUNG, Aiping H.

TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase FILE REFERENCE: 032396-023

CURRENT APPLICATION NUMBER: US/09/249,247

CURRENT FILING DATE: 1999-02-11

EARLIER APPLICATION NUMBER: US 60/023,040

EARLIER FILING DATE: 1996-08-02

EARLIER APPLICATION NUMBER: US 60/039,959

EARLIER FILING DATE: 1997-03-07

EARLIER FILING DATE: 1997-03-07

EARLIER FILING DATE: 1997-03-07

EARLIER FILING DATE: 1997-08-01

NUMBER OF SEQ ID NOS: 220

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; EARLIER APPLICATION NUMBER: US 08/904,901
; EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOPTWARE: PATEBLIAN VER. 2.0
; SEQ ID NO 185
; LENGTH: 20
; TYPE: DNA
; ORGANISN: Human
US-09-249-247-185
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Human
US-09-249-247-204
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US-09-249-247-204/c
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Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                          Patent No. 6593456
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme
TITLE OF INVENTION: of Use Thereof
                                                                                                                                                                                                                                                                        Sequence 87, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 204
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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Patent No. 6593305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EARLIER FILING DATE: 1997-03-07
                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity 83.3%;
hes 15; Conservative
                 STATE: C
                                                   CITY: Palo Alto
                                                                    STREET:
                                                                                       ADDRESSEE:
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RY: USA
94304-1018
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                                                                        755 PAGE MILL ROAD
                                                                                         MORRISON & FOERSTER
                                                                                                                         Factor Receptor Releasing Enzyme of Use Thereof 154
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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                                                                                                                                                                                                                                                                                                                  Patent No. 6533...

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Gatanaga, T.

APPLICANT: Granger, G.A.

APPLICANT: Granger, G.A.

TITLE OF INVENTION: Factors Altering Tumor Necrosis

TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods

TITLE OF INVENTION: of Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 111,
Patent No. 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local S
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CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,74
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,76
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 2200
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
            PILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/96-
PILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/03
                                                                                                                 SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/081,385
                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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                                                                                                                                                                                                                                                                    STREET: /5/
CTTY: Palo Alto
                                                                                                                                                                  COMPUTER: IBM COR
OPERATING SYSTEM:
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TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 650-C-
FILING DATE:
                                                                                                                                                                                                                                                      COUNTRY:
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                                                                                                                                                                                                                                                                                                         755 PAGE MILL ROAD
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SYSTEM: Windows
 06-NOV-1996
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               60/030,761
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B3.3%; Pred. No. 1.6e+03;
                                               08/964,747
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
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ATTORNEY/AGENT INFORMATION: NAME: Wu, Frank

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Query Match
Best Local Similarity
Matches 15; Conserve
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                                                                                                                                                                                                                                                            US-09-780-045-39/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-903-413-10
                                                                                                         GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Avery, Anne C.
APPLICANT: Burnett, Robert
TITLE OF INVENTION: PCR MATERIALS AND METHODS USEFUL TO DETECT CANINE AND
TITLE OF INVENTION: FELINE LYMPHOID MALIGNANCIES
                 SEQ ID NO 39
LENGTH: 20
                                                                                                                                                                                                                     Sequence 39, Application US/09780045 Patent No. 6602713
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 10, Appli
Patent No. 6596492
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Best Local 9
                                                 CURRENT APPLICATION NUMBER: US/09/780,045
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/903,413
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,611
PRIOR FILING DATE: 2000-07-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: SEQUENCE: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 10 SOFTWARE: PatentIn Ver. ?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: DI-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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TELEFAX: 650-494-0792
TELEX: 706141
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER:
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al Similarity 83.3%;
15; Conservativa
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                                                                                                                                                                                                                                                                                                                                                                                                                        Score 13.2; DB 1;
Pred. No. 1.6e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 13.2; DB 1;
Pred. No. 1.6e+03;
                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
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PRIOR APPLICATION NUMBER: 2000-07-25;
PRIOR FILING DATE: 2000-07-25,
PRIOR FILING DATE: 1999-09-30;
NUMBER OF SEQ ID NOS: 20;
SOFTWARE: Patentin Ver. 2.1;
SEQ ID NO 6;
PENGTH: 20;
Type: .....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/08/944,410
CURRENT FILING DATE: 1997-10-06
NUMBER OF SEQ ID NOS: 113
SOFTWARE: Patentin version 3.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
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US-08-944-410-14
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                                                                                                    US-09-624-945-6
                                                                                                                                                                                                                                                                                                                                                                                                           US-09-624-945-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Sorge, Joseph A.
TITLE OF INVENTION: COLLECTIONS OF UNIQUELY TAGGED
FILE REFERENCE: 04121.0018 000000
                                                      Best
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                                       Matches
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                                                                    Query Match
                                                                                                                                                                                                                                                                            APPLICANT: Monia, ... Edward APPLICANT: Wancewicz, Edward TITLE OF INVENTION: Antisense Modulation 11TLE OF INVENTION: ANTISENSE US/09/624,945
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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Best Local
                                                                                                                                                                                                                                                               FILE REFERENCE: ISPH-0477
CURRENT APPLICATION NUMBER: US/09/624,945
CURRENT FILING DATE: 2000-07-25
                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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                                                                                                                OTHER INFORMATION: Description of Artificial Sequence:
                                                  Local
2669 CGGTCCCGGGACTGTTGA 2686
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15; Conserv
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                                                      Similarity
                                      Conservative
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                                                    Score 13.2;
Pred. No. 1.
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Pred. No. 1
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Pred. No. 1.6e+03;
                                       Mismatches
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                                                      1.6e+03
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2 CGGTCCCAGGAATGTGGA 19

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APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping
APPLICANT: DUGOURD, Dominique
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
TITLE OF INVENTION: MICROORGANISMS
FILE REFERENCE: 032396-016
CURRENT APPLICATION NUMBER: US/09/112,580
CURRENT FILING DATE: 1998-07-09
EARLIER APPLICATION NUMBER: US 60/052,160
EARLIER APPLICATION NUMBER: US 60/052,160
SEAULIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 265
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 157
LENGTH: 20
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                                                             RESULT 2576
US-09-112-580-182
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; ORGANISM: Escherichia coli
US-09-112-580-157
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; ORGANISM: Escherichia coli
US-09-112-580-145
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Sequence 182, Applica Patent No. 6610539 GENERAL INFORMATION:
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Best Local Similarity
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Best Local
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SEQ ID NO 145
LENGTH: 20
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APPLICANT: YOUNG, Alping
APPLICANT: DUGOUNG, Deminique
APPLICANT: DUGOUNG, DOMINIQUE
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
TITLE OF INVENTION: MICROORGANISMS
FILE REPERENCE: 032396-016
CURRENT APPLICATION NUMBER: US/09/112,580
CURRENT FILING DATE: 1998-07-09
EARLIER APPLICATION NUMBER: US 60/052,160
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 265
CONTRADED: DECOLUTE OF SEQ ID NOS: 265
EARLIER FILING DATE: 1997-07-10
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Local Similarity 83.3%;
hes 15; Conservanting
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                                           Application US/09112580
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Pred. No. 1.6e+03;
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Pred. No. 1.
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GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: YOUNG, Aiping
APPLICANT: YOUNG, Aiping
APPLICANT: DUGOURD, Dominique
ITITLE OF INVENTION: MICROORGANISMS
FILE REFERENCE: 032396-016
CURRENT APPLICATION NUMBER: US/09/112,580
CURRENT APPLICATION NUMBER: US/09/112,580
CURRENT FILING DATE: 1998-07-09
EARLIER APPLICATION NUMBER: US 60/052,160
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 265
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 228
LENGTH: 20
TYPE: DNA
ORGANISM: Escherichia coli
US-09-112-580-228
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; TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE SEQUENCES AS INHIBITORS OF
; **TITLE: OF INVENTION: MICROORGANISMS
; FILE REFERENCE: 032396-016
; CURRENT APPLICATION NUMBER: US/09/112,580
; CURRENT FILING DATE: 1998-07-09
; EARLIER APPLICATION NUMBER: US 60/052,160
; EARLIER FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 265
; SOFTWARE: PATENTIN Ver. 2.0
; SEQ ID NO 182
; LENGTH: 20
TYPE: DNA
ORGANISM: Escherichia coli
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US-10-027-983-53/c
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                                                                                             Sequence 53, Application US/10027983
PATENT NO. 6617162
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REPERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/027,983
CURRENT FILING DATE: 2001-12-18
CURRENT FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
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Local Similarity 83.3%;
hes 15; Conservaring
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Pred. No. 1.6e+03;
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Pred. No. 1.
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APPLICANT: Kerneth W. Dobie
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF EST
FILE REFERENCE: RTS-0340
CURRENT APPLICATION UNMBER: US/10/027,983
CURRENT FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 80
LENGTH: 20
LENGTH: 20
RESULT 2581
US-09-261-104-3
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                                                                                                                                                                                             ; FEATURE:
; OTHER INFORMATION: AntiBense Oligonucleotide
US-10-027-983-94
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US-10-027-983-94
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US-10-027-983-80
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                                                                                                                                                                                                                                                                  SEQ ID NO 94
LENGTH: 20
TYPE: DNA
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                   Query Match
Best Local Similarity
Matches 15; Conserv
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Patent No. 6617162
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Best Local Similarity 83.3%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                 APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. ROSCH
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
CURRENT APPLICATION MUMBER: US/10/027,983
CURRENT FILLING DATE: 2001-12-18
CURRENT FILLING DATE: 2001-12-18
                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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                                                                   TCAACTCACCAGAATTAA 18
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                                                                                                                                                Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.
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Pred. No. 1.6e+03;
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L.6e+03;
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US-09-686-597-32/c

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Sequence 32, Application US/09686597 Patent No. 6632641

GENERAL INFORMATION:
APPLICANT: Thomas M. BRENNAN
APPLICANT: Francois CHATELAIN
APPLICANT: Mark BERNINGER

TITLE OF INVENTION: METHOD AND APPARATUS

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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF ASTHMA FILE REFERENCE: 7600-22U1 (207600.0065) Grunstein et CURRENT APPLICATION NUMBER: US/09/261,104 CURRENT FILING DATE: 1999-03-03 PRIOR APPLICATION NUMBER: US 60/077,398 PRIOR PILING DATE: 1998-03-10 NUMBER OF SEQ ID NOS: 16 SOFTWARE: Patentin Ver. 2.1 SEQ ID NO 5 LENGTH: 20 TYPE: DNA ORGANISM: Artificial Sequence FEATURE: OTHER PRIOR ARTIFICIAL SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence: Human ; OTHER INFORMATION: receptor PCR primer US-09-261-104-3
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US-09-261-104-5
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RESULT 2583
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Best Local S
Matches 15
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SEQ ID NO 3
LENGTH: 20
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                                                                                                                                  Query Match
Best Local Similarity
Matches 15; Conserv
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APPLICANT: HAKONARSON, Hakon
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF ASTHMA
FILE REFERENCE: 7600-2201 (207600,0065) Grunstein et
CURRENT APPLICATION NUMBER: US/09/261,104
CURRENT FILING DATE: 1999-03-03
PRIOR APPLICATION NUMBER: US/077,398
PRIOR FILING DATE: 1998-03-10
NUMBER OF SEQ ID NOS: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: Human OTHER INFORMATION: receptor PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
mes 15; Conserv
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                                                                                              3208 CTCCGTGCAGTGGCTCCA 3225
                                                        3 CTCCATTCAGTGGTTCCA 20
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                                                                                                                                    Conservative
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83.3%; Pred. No. 1.6e+03
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83.3%; Pred. No. 1.6e+03
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                                                                                                                                    Mismatches
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FILE ANT: ISHIDA, MITSUO
FILE REFERENCE: 081356/0114
CURRENT APPLICATION WHERER: US/09/033,936
CURRENT FILING DATE: 198-03-02
PRIOR FILING DATE: 198-03-02
PRIOR FILING DATE: 1996-02427
PRIOR FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin Ver. 2.1
FUND: 100 33
LENGTH: 20
TYPE: 700
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US-08-848-631-7/c
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US-09-033-936-33
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; ORGANISM: Homo sapiens
US-09-686-597-32
                                                                                                                                                               Sequence 7, Application US/08848631 Patent No. 6635442 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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Patent No. 6632976
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Best Local Similarity 83.3%;
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CURRENT FILING DATE: 2000-10-10
PRIOR APPLICATION NUMBER: 60/158,315
PRIOR FILING DATE: 1999-10-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 58710010CPUS02
CORRESPONDENCE ADDRESS:
ADDRESSEE: KECK, MAHIN
STREET: P.O. BOX 06110
CITY: CHICAGO
                                                                                                            TITLE OF INVENTION: INTRON/EXON OF THE HUMAN AND
                                                                NUMBER OF SEQUENCES:
                                                                                                                                            APPLICANT: EMORINE, Laurent; MARULLO, Stefano;
                                                                                                                                                                                                                                                                                                               915
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                                MAHIN & CATE
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Pred. No. 1
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Pred. No. 1.
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID
US-08-848-631-7
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US-09-866-028-106
                                                 Prior application data removed - NUMBER OF SEQ ID NOS: 120 SEQ ID NO 106
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Tocal Similarity
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                                                                                                       FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/866,028
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                        APPLICANT: Napier, Mary
APPLICANT: Roy, Margaret
APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE
TITLE OF INVENTION: ACIDS ENCODING THE SAME
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ORGANISM: Artificial Sequence
                    TYPE: DNA
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/721,571
FILING DATE: 25-MAY-1990
APPLICATION NUMBER: PCT/FR89/00918
FILING DATE: 25-MAY-1989
ATTORNEY/AGENT INFORMATION:
NAME: Fleit, Martin; Gollin, Michael A.
REGISTRATION NUMBER: 16,900; 31,957
REFERENCE/DOCKET NUMBER: 47078-042
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 60606-0110
COMPUTER READABLE FORM:
MEDIUM TYPE: 3-1/2" diskette
COMPUTER: IBM compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/848,631 FILING DATE: 08-Jun-1999 PRIOR APPLICATION DATA:
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6642360
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Filvaroff, Ellen
Gerritsen, Mary
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Grimaldi, Christopher
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Pred. No. 1
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TITLE OF INVENTION: ANTISENSE MODULATION OF SRC.
FILE REFERENCE: RTS-0222
CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
SEQ ID NO 46
LENGTH: 20
TYPE: ""
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              Query Match
Best Local Similarity
Thehes 15; Conserve
                                                                                            OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide; NAME/KEY: misc feature; LOCATION: (1):..(20); OTHER INFORMATION: Human RYR bases 6686-6667.
US-09-908-410-14
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                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 6664059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 46, Application US/09860473
Patent No. 6656732
GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                           APPLICANT: Mickelson, James R.
TITLE OF INVENTION: Assay For Propensity For Canine Malignant Hyperthermia
FILE REFERENCE: 960296.98148
                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Hogan, Kirk J.
APPLICANT: Brunson, Davi
APPLICANT: Roberts, Moni
APPLICANT: Mickelson, Ja
                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 20
                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/908,410 CURRENT FILING DATE: 2001-07-18
                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                          TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                            FEATURE:
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Local Similarity 83.3%;
hes 15; Conservative
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4959 GTGCTGGTAGAAGAGTCT 4976
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Roberts, Monica C.
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                                              0.3%;
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Pred. No. 1.6e+03
0; Mismatches
                                            Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1
                               Mismatches
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CURRENT APPLICATION NUMBER: US/09/747,391
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 152
LENGTH: 20
                                                                                                                                                                        PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
SOFTWARE: KOPALENTIN 1.71
SEQ ID NO 214
LENGTH: 20
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria FILE REFERENCE: PP05020/PCT CURRENT APPLICATION NUMBER: US/09/980,052 CURRENT FILING DATE: 2001-11-28 PRIOR APPLICATION NUMBER: KR 10-1999-0019631 PRIOR FILING DATE: 1999-05-29
                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., APPLICANT: KIM, Cheol Min APPLICANT: PARK, Hee Kyung
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Chow, Robert
APPLICANT: Tonai, Richard
APPLICANT: StemCyte, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-000210US
                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 1999-05-29 PRIOR APPLICATION NUMBER: KR
                                                                                             OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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                    Local
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Conservative
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                  Score 13.2; DB 1;
Pred. No. 1.6e+03;
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Pred. No. 1.
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                                                                                                                 or primer for detecting Mycobacterium
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                                    DB 1;
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Query Match
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US-09-709-902-4/c
                                  US-09-647-468-90/c
Sequence 90, Application US/09647468
Patent No. 6677436
GENERAL INFORMATION:
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; OTHER INFORMATION: Antisense primer
US-09-709-902-4
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US-09-495-714C-138/c
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                                                                                                           RESULT 2593
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APPLICANT: University Technologies International Inc.
APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PatentIn version 3.1
SEQ ID NO 138
LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: van Muijen, Goos
APPLICANT: Zendman, Albert
TITLE OF INVENTION: Process for the Determination of CTp11 and for Determining Whet
TITLE OF INVENTION: Tumor Sample has Metastatic Potential
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 20487 US
CURRENT APPLICATION NUMBER: US/09/709,902
CURRENT FILING DATE: 2001-01-10
CURRENT FILING DATE: 2001-01-10
APPLICANT: SATO, KOH APPLICANT: ADACHI, HIDEKI
                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: EP/
PRIOR FILING DATE: 1999-11-11
NUMBER OF SEQ ID NOS: 8
                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.6e+03;
0; Mismatches 3
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1.6e+03;
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RESULT 2595
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US-09-647-468-90
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local :
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                                                                                                                              Matches
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Best Local :
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CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: 09/350,275
PRIOR FILING DATE: 1999-07-06
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Millis, James R.
APPLICANT: Maurina-Brunker, Julie
APPLICANT: McMullin, Thomas W.
TITLE OF INVENTION: PRODUCTION OF FARNESOL
FILE REFERENCE: 3161-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 183
SOFTWARE: Patentin Ver. 2.1
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PRIOR APPLICATION NUMBER: PCT/JP99/01768
PRIOR FILING DATE: 1999-04-02
PRIOR APPLICATION NUMBER: JP 10-91850
PRIOR FILING DATE: 1998-04-03
NIMBER OF SEC 1998-04-03
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CURRENT APPLICATION NUMBER: US/09/647,468
CURRENT FILING DATE: 2000-09-29
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TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE
TITLE OF INVENTION: PROCESS OF PRODUCTION OF THE HUMANIZED
                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(20)
OTHER INFORMATION: PRIMER
OTHER INFORMATION: Description of Artificial Sequence:PRIMER
                                                                                                                                                                                                                                                                                                                                       LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              V Match 0.3%;
Local Similarity 83.3%;
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Pred. No. 1.6e
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Pred. No. 1.6e+03;
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Sequence 69, Application US/09520781
Patent No. 6689866
GENERAL INFORMATION:

APPLICANT: Shimkets, Richard A.
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND PROTEINS ENCODED FILE REFERENCE: 15966-540 No. 6689866el Polynucleotides

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CURRENT APPLICATION NUMBER: US/09/758,937
CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: US 09/758,937
PRIOR FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: US 60/175,637
PRIOR FILING DATE: 2000-12-01
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 18
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                              APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-4 EXPRESS
FILE REFERENCE: RTS-0324
CURRENT APPLICATION NUMBER: US/09/966,451
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 50
LENGTH: 20
TYPE-CAND
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APPLICANT: Hui, Chi-Chung
APPLICANT: Duglosz, Andrzej A.
APPLICANT: Duglosz, Andrzej A.
TITLE OF INVENTION: Transgenic Animal Model of Basal Cell Carcinoma
FILE REFERENCE: 3477-90
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Best Local Similarity
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Patent No. 668993
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CURRENT FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: USSN 60/123,667
PRIOR FILING DATE: 1999-03-09
NUMBER OF SEQ ID NOS: 81
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ORGANISM: Artificial Sequence
                      TYPE: DNA
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Pred. No. 1.6e+03
0; Mismatches
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Pred. No. 1.6e+03
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Query Match
Best Local Similarity
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US-09-485-434-7/c
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CURRENT APPLICATION NUMBER: US/09/485,434
CURRENT FILING DATE: 2000-04-14
EARLIER APPLICATION NUMBER: DE 197 34 940.4
EARLIER APPLICATION NUMBER: DE 197 34 940.4
EARLIER FILING DATE: 1997-08-12
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
                                         SEQ ID NO 89
LENGTH: 20
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Best Local Similarity
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APPLICANT:
APPLICANT:
                                                                            PRIOR APPLICATION NUMBER: PCT/US98/03194
PRIOR FILING DATE: 1998-05-05
NUMBER OF SEQ ID NOS: 128
SOFTWARE: Patentin version 3.0
                                                                                                                                                        FILE REFERENCE: FORS-04012
CURRENT APPLICATION NUMBER: US/09/402,618B
CURRENT FILING DATE: 2000-07-18
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Dong, Fang
APPLICANT: Lyamichev, Victor
APPLICANT: Prudent, James
                                                                                                                                                                                                                  APPLICANT: Anderson, Todd
APPLICANT: Dahlberg, James
TITLE OF INVENTION: Target-Dependent Reactions Using
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Neri, Bruce
Brow, Mary Ann
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Pred. No. 1.6e+03
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US-09-953-318-71
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RESULT 2602
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US-09-953-318-71
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CURRENT APPLICATION NUMBER: US/09/953,318
CURRENT FILING DATE: 2001-09-13
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 71
LENGTH: 20
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APPLICANT: C. Frank
APPLICANT: Andrew
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Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 55
LENGTH: 20
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Best Local
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                                                                                                                 Query Match
Best Local
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TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0232
CURRENT APPLICATION NUMBER: US/09/953,318
CURRENT FILING DATE: 2001-09-13
                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTITLE OF INVENTION: EXPRESSION
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Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.6e
0; Mismatches
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CURRENT FILING DATE: 2001-09-13
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Patent, No. 6710174
                                                                                                                                                                  GENERAL INFORMATION:
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Best Local Similarity
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Best Local :
CURRENT APPLICATION NUMBER: US/09/953,318
CURRENT FILING DATE: 2001-09-13
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 126
 NUMBER OF
                                                                   APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEP
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0232
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CURRENT FILING DATE: 2001-09-13
NUMBER OF SEQ ID NOS: 154
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTITLE OF INVENTION: EXPRESSION FILE REFERENCE: RTS-0232
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APPLICANT: Andrew T. Watt
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Similarity 83.3%;
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Pred. No. 1.6e+03;
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; OTHER INFORMATION: Antisense Oligonucleotide US-10-029-517-33
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Best Local S
Matches 15
                                                                                                                 CURRENT APPLICATION NUMBER: US/10/029,517
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 107
SEQ ID NO 33
LENGTH: 20
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Patent No. 6716627
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Susan J. Myers
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0352
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SEQ ID NO 5
LENGTH: 20
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Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Baron, M.
APPLICANT: Farrington, S.
APPLICANT: Belaussoff, M.
TITLE OF INVENTION: METHODS FOR MODULATING HEMATOPOIESIS AND VASCULAR
TITLE OF INVENTION: GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 42
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                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
                                                                     FEATURE:
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les 15; Conserv
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Pred. No. 1.6e+03;
0; Mismatches 3;
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Pred. No. 1
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 DB 1;
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Length 20;
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GENERAL INFORMATION:

APPLICANT: Roder, Marion

TITLE OF INVENTION: Microsatellite Markers for Plants of the Species

TITLE OF INVENTION: Trittcum Aestivum and Tribe Triticase and the Use of

TITLE OF INVENTION: Said Markers

FILE REFERENCE: 2936.10400

CURRENT APPLICATION NUMBER: US/08/983,605A

CURRENT FILING DATE: 1999-05-01

EARLIER APPLICATION NUMBER: DE 195 25 284.5

EARLIER FILING DATE: 1995-06-28

NUMBER OF SEQ ID NOS: 466

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 121

TYPE: DNA

ORGANISM: Triticum aestivum

US-08-983-605-121
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US-09-758-881-13
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US-10-215-448-53
                RESULT 2609
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                               Query Match
Best Local (
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Patent No. 6720137
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Best Local Similarity
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CURRENT FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 105
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TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0179
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larity 83.3%;
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Pred. No. 1.6e+03
0; Mismatches
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Pred. No. 1.
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                                                                                                                                                             Length 20;
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Sequence 13, Application US/09758881
Patent No. 6727064
GENERAL INFORMATION:
APPLICANT: KATTAB, James G

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RESULT 2611
US-09-758-881-109
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Best Local Similarity
Thes 15; Conserv
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US-09-758-881-13
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SEQ ID NO 13
LENGTH: 20
                                                                                               Sequence 109, Application US/09758881
Patent No. 6727064
GENERAL INFORMATION:
APPLICANT: Karras, James G
TITLE OF INVENTION: Antisense Oligo
TITLE OF INVENTION: Expression
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APPLICANT: KATTAS, James G
TITLE OF INVENTION: Express
FILE REFERENCE: ISPH-0532
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SEQ ID NO 14
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CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: PCT/US00/09054
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: PCT/US00/09054
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Best Local
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CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: PCT/US00/09054
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 09/288,461
PRIOR FILING DATE: 1999-04-08
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PRIOR FILING DATE: 1999-0
NUMBER OF SEQ ID NOS: 152
FILE REFERENCE: ISPH-0532
CURRENT APPLICATION NUMBER: US/09/758,881
CURRENT FILING DATE: 2001-01-11
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ORGANISM: Artificial Sequence
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Pred. No. 1.6e+03
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Pred. No. 1.
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; TYPE: DNA
; ORGANISM: Pinus taeda
US-09-232-785-36
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          APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MARKI
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILLING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
NUMBER OF SEQ ID NOS: 397
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PRIOR, FILING DATE: 2000-04-06
.PRIOR APPLICATION NUMBER: 09/3
.PRIOR FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 152
                                                                                                                                                                                      Patent No. 6733965
GENERAL INFORMATION:
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SEQ ID NO 36
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Patent No. 6733965
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APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
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CURRENT FILING DATE: 1999-01-19
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TYPE: DNA
ORGANISM: Artificial Sequence
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FastSEQ for Windows Version 3.0
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Pred. No. 1.6e
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; OTHER INFORMATION: AntiBense Oligonucleotide
US-09-967-655-51
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                                                     Query Match
Best Local Similarity
Matches 15; Conserv
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CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 51
                                                                                                                                                                                                                                                                                                                                                             Sequence 81, Application Patent No. 6734017
GENERAL INFORMATION:
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Patent No. 67340
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Matches 15; Conserv
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TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0227
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APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0227
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CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                        TYPE: DNA
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ORGANISM: Pinus taeda
                                                                                                                                         FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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CGGTGGTGTCTGTCAT 19
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Pred. No. 1.
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Pred. No. 1.6e+03;
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                                                                         .6e+03;
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RESULT 2617
US-09-944-457-106
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity
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                                                                                                                    TITLE OF INVENTION: SECRETED AND TRANSMEMBRAN
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,457
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR PILLING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/067,411
PRIOR APPLICATION NUMBER: 60/067,411
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PRIOR FILING DATE: 1998-10-09
NUMBER OF SEQ ID NOS: 100
PRIOR FILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/069,334
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069335
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,278
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Pred. No. 1
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; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-944-457-106
                                                                                                                             NUMBER OF SEQ ID SEQ ID NO 106
                                                                                                                                                                      PRIOR FILING DATE: December 1, 2000 PRIOR APPLICATION NUMBER: PCT/US01/06520 PRIOR FILING DATE: February 28, 2001
                                                      LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: No. 6734288ember 30, 1 APPLICATION NUMBER: PCT/US99/28313 FILING DATE: No. 6734288ember 30, 1 APPLICATION NUMBER: PCT/US99/28301
                                                                                                                                                                                                                      APPLICATION NUMBER: 28, 2000 PILING DATE: July 28, 2000 PILING DATE: July 28, 2000/32678
                                                                                                                                                                                                                                                                                FILING DATE: May 22, 2000
APPLICATION NUMBER: PCT/US00/20710
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APPLICATION NUMBER: PCT/US00/14042
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FILING DATE: March 2,
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APPLICATION NUMBER: PCT/US00/04414
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APPLICATION NUMBER: PCT/US98/25108
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FILING DATE: February 9, 1998
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NUMBER: PCT/US00/05841
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NUMBER: PCT/US99/21090
September 15, 1999
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OS: 120
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NUMBER: PCT/US99/30095
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RESULT 2620
US-09-975-123-34
; Sequence 34, Application US/09975123
; Patent No. 6750019
; GENERAL INFORMATION:
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US-09-811-673-12
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Best Local S
Matches 15
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Best Local S
Matches 15
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CURRENT FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 43
SEQ ID NO 32
                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: SUSAN M. Freier
APPLICANT: SUSAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0253
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SEQ ID NO 12
LENGTH: 20
TYPE: DNA
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APPLICANT: SALONEN, Jukka T. et al.
APPLICANT: SALONEN, Jukka T. et al.
TITLE OF INVENTION: A DNA MOLECULE ENCODING
FILE REFERENCE: 0933-0167P
CURRENT FILLYG DATE: 2001-03-20
NUMBER OF SEQ ID NOS: 20
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Best Local
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                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                             ENGTH: 20
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Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.6e
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Best Local Similarity
Matches 15; Conserv
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TITLE OF INVENTION: ANTISENSE MODULATION OF INSULIN-LIKE GROWTH FACTOR BINDING PROTEI
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0253
CURRENT FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 43
SEQ ID NO 34

FERGUL 32
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Matches
                                                                                                                                                        Patent No. 6762042
GENERAL INFORMATION:
APPLICANT: Bai, Chang
APPLICANT: Metzger, Michael
APPLICANT: Liu, Xiaomei
                                                                                                                                                                                                                                  Sequence 18, Application US/10148806 Patent No. 6762042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 3
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APPLICANT: Q1, Jain-shen
APPLICANT: Q1, Jain-shen
TITLE OF INVENTION: DNA encoding human serine protease
FILE REFERENCE: ORT-1273
CURRENT APPLICATION NUMBER: US/09/607,745
CURRENT FILING DATE: 2000-06-30
NUMBER OF SEQ. ID NOS: 9
                              TITLE OF INVENTION: DNA MOLECULES ENCODING HUMAN NHL,
TITLE OF INVENTION: HELICASE
FILE REFERENCE: 20585P
CURRENT APPLICATION NUMBER: US/10/148,806
CURRENT FILLING DATE: 2002-06-05
PRIOR APPLICATION NUMBER: US00/33065
PRIOR FILING DATE: 2000-12-09
PRIOR FILING DATE: 2000-12-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
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nes 15; Conserv
APPLICATION NUMBER: 60/169,970 FILING DATE: 1999-12-09
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Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1
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TITLE OF INVENTION: DAA MOLECULES ENCODING HUMAN NHL, A I
TITLE OF INVENTION: HELICASE
FILE REFERENCE: 20585P
CURRENT APPLICATION NUMBER: US/10/148,806
CURRENT FILING DATE: 2002-06-05
PRIOR APPLICATION NUMBER: US00/33065
PRIOR APPLICATION NUMBER: US00/33065
PRIOR APPLICATION NUMBER: 000169,970
PRIOR APPLICATION NUMBER: 00169,970
PRIOR APPLICATION NUMBER: 00169,970
PRIOR FILING DATE: 1999-12-09
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 19
LENGTH: 20
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US-10-148-806-19/c
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SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 18
LENGTH: 20
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Best Local 8
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                             FILE REFERENCE: NIH153.001C1
CURRENT APPLICATION NUMBER: US/09/930,589
CURRENT FILING DATE: 2001-08-14
PRIOR APPLICATION NUMBER: PCT/US00/04189
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: 60/120,812
PRIOR FILING DATE: 1999-02-19
                                                                                                                                                                   APPLICANT: Iwata, Nakao
APPLICANT: Goldman, David
TITLE OF INVENTION: POLYMORPHIC HUMAN GABAA RECEPTOR ALPHA-6
TITLE OF INVENTION: SUBUNIT
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APPLICANT: Liu, Xia
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SOFTWARE:
                   NUMBER OF SEQ ID NOS:
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ORGANISM: Artificial Sequence
FEATURE:
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FastSEQ for Windows Version 3.0
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Pred. No. 1
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; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-930-589-7
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CURRENT FILING DATE: 2002-11-13
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
SEQ ID NO 5
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                           CURRENT APPLICATION NUMBER: US/09/865,879
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/207,535
PRIOR FILING DATE: 2000-05-26
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin version 3.0
SEQ ID NO 32
LENGTH: 20
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Matches 15; Conservative
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APPLICANT: Irby, Rosalyn B.
TITLE OF INVENTION: Mutated SRC Oncogene Composition
FILE REFERENCE: USF-T136
                                                                                                                                                                                                                                                    TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION TITLE OF INVENTION: REGULATED BY RETINOIDS FILE REFERENCE: 99,216-H
                                                                                                                                                                                                                                                                                                          APPLICANT: Roninson, Igor
APPLICANT: Dokmanovic, Mi
APPLICANT: Chang, Bey-Dih
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LOCATION: (15)...(15)
OTHER INFORMATION: n is defined
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OTHER INFORMATION: 3'
                                                           ORGANISM: Homo sapiens
NAME/KEY: misc feature
OTHER INFORMATION: Sense primer for Bene
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                                                                               TYPE: DNA
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Pred. No. 1.6e+03;
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1 Query Match
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                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-09-917-963-61
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 69
LENGTH: 20
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                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/917,963
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 137
SEQ ID NO 61
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Best Local :
                                                                Matches
                                                                             Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL TITLE OF INVENTION: No. 6767720el cDNAs encoding catenin-binding provided by the invention in signalling and/or gene regulation FILE REFERENCE: 2676-4415US CURRENT APPLICATION NUMBER: US/09/574,779B CURRENT FILING DATE: 2000-05-19 PRIOR APPLICATION NUMBER: 99201543.8 PRIOR APPLICATION NUMBER: 99201543.8 PRIOR FILING DATE: 1999-05-17
                                                                                                                                                                                                                                                                                         APPLICANT: ROSANNE M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0591
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                         LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
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                         4154 TCCTGCTGGCTCCTCCTG 4171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          378 TTAAGCTGGTGGCAGCAG 395
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Similarity 83.3%;
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Pred. No. 1.6e+03
                                                                             Score 13.2;
Pred. No. 1
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Pred. No. 1.6e+03;
                                                                Mismatches
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                                                                             .6e+03;
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Sequence 72, Application US/09544398B Patent No. 6770461

09-544-398B-72

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APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR APPLICATION NUMBER: US 60/071,449
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; ORGANISM: Homo sapiens
US-09-544-398B-72
                                                                                                                                                                 US-09-544-398B-611
                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 641
SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 611
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 611, Application US/09544398B Patent No. 6770461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                 Matches
                                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 72
                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR EILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 641
                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
                                                                               Local Similarity nes 15; Conserv
                                      1614 CTGCGGAAGGAATATGTT 1631
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               420 CGGCAGGTTGCAGTGGAG 437
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                                                                                 Conservative
                                                                                                   0.3%;
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                                                                             Score 13.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3
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Pred. No. 1.
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                                                                                                                        DB 1;
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                                                                                 Indels
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RESULT 2631

RESULT 2633 US-09-887-145-15 ; Sequence 15, Application US/09887145 ; Patent No. 6780641

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APPLICANT: Mitsuhashi, Kazuya
APPLICANT: Yamamoto, Hiroaki
APPLICANT: Yamamoto, Hiroaki
APPLICANT: Matsuyama, Akinobu
APPLICANT: Tokuyama, Shinji
TITLB OF INVENTION: D-AMINOACYLASE AND GENE ENCODING THE SAME
FILE REFERENCE: 06501-072001
CURRENT APPLICATION UNMBER: US/09/770,517C
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: JP 2000-019080
PRIOR FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: JP 2000-150578
PRIOR APPLICATION NUMBER: JP 2000-150578
PRIOR FILING DATE: 2000-05-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Description of Artificial Sequence; OTHER INFORMATION: base sequence of PNA derivatives that; OTHER INFORMATION: viral and cellular targets US-09-835-370-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    밁
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                                        ફ
                                                                                                                                                                                 ; OTHER INFORMATION: Artificially Synthesized Primer Sequence
US-09-770-517C-8
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                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
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mest Local Similarity 83.3%;
Matches 15; Conservation
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APPLICANT: UHLMANN, EUGEN
                                                                                    Best Local Similarity Matches 15; Conserv
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                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: BREIPOHL, GERHARD
APPLICANT: WILL, DAVIJO W
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
FILE REFERENCE: 02481.1742 SEQUENCE LISTING
CURRENT FILING DATE: 0201-04-17
NUMBER: US/09/835,370
CURRENT FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH: 20
                                        3413 GCCCATATCACCCAAGAA 3430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 921 TGTGAGGCCAAGGAGGTT 938
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                                                                                        Conservative
                                                                                                            0.3%;
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Pred. No. 1.6e+03;
                                                                                                              Score 13.2; DB 1; Length 20; Pred. No. 1.6e+03;
                                                                                        Mismatches
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                                                                             ; OTHER INFORMATION: antisense US-09-848-868-3
                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Iversen, Patrick L.
APPLICANT: Hudziak, Robert
TITLE OF INVENTION: Splice-Region Antisense Composition and
TITLE OF INVENTION: Method
  Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                             SEQ ID NO 3
LENGTH: 20
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Patent No. 6784291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                               FILE REFERENCE: 0450-0037.30
CURRENT APPLICATION NUMBER: US/09/848,868
CURRENT FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/202,376
PRIOR FILING DATE: 2000-05-04
NUMBER OF SEQ ID NOS: 54
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: David Prashker, Esq.
REGISTRATION NUMBER: 29,693
REFERENCE/DOCKET NUMBER: UBC-002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (978) 525-3794
INFORMATION FOR SEQ ID NO: 15:
                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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MEDIUM TYPE: Diskette, 3.50 inch, 1.40 Mb storage
COMPUTER: Dell PC
OPERATING SYSTEM: MS DOS
SOFTWARE: Microsoft Word version 97
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/09/887,145
FILING DATE: 22-Jun-2001
CLASSIFICATION: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: David Prashker, Esq.
STREET: P.O. Box 5387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5116 AATAGATGGGTGATGTCT 5133
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       l Similarity
15; Conser
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OF INVENTION: Immortalized human microglia cell and continuous cell line
  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                  0.3%;
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Pred. No. 1.6e+03;
0; Mismatches 3;
Score 13.2; DB 1;
Pred. No. 1.6e+03;
0; Mismatches 3;
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  Indels
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  Gaps
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PCT-US94-02891-56
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; ANTI-SENSE:
PCT-US93-02213-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION UNMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
TELEPAN: (215) 568-3439
INFORMATION FOR SEQ ID NO: 8:
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 56, Application PC/TUS9402891 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/02213
PILING DATE: 1930225
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Oligonucl
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
                                                 APPLICANT: INSTITUTES OF HEALTH, TITLE OF INVENTION: METHODS FOR TITLE OF INVENTION: XSCID
                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: E
                                   NUMBER OF SEQUENCES:
                                                                                      APPLICANT:
                                                                                                                                                           APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: NUCLEIC ACID STRANDEDNESS: sing
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Woodcock Washburn K
ADDRESSEE: Mackiewicz & Norris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH:
                                                                                                                                                                                                                                                                                                              3209 TCCGTGCAGTGGCTCCAG 3226
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                                                   SERVICES
OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
OFFICE OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
                                                                                                                                        THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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                                                                                                                                                                                                                                                                                                                                                         Conservative
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Oligonucleotide Modulation of Protein
                                    69
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                                                                                                                                                                                                                                                                                                                                                       Score 13.2; D
Pred. No. 1.6e
0; Mismatches
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SEQUENCE CHARACTERISTICS:
LENGTH: 20
Typp:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/031,143
PILING DATE: 12-MAR-1993
APPLICATION NUMBER: 08/121,435
PILING DATE: 14-SEPT-1993
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM'S. FELLER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4061
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORIGINAL SOURCE: ORGANISM: HUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DESCRIPTION: OLIGONUCLEOTIDE HYPOTHETICAL: NO ANTI-SENSE: YES
                                                                                                                                                                                                              APPLICANT: Nicholas Dean, C. Frank Bennett and APPLICANT: Russell T. Boggs TITLE OF INVENTION: Oligonucleotide Modulation of TITLE OF INVENTION: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94
                                                                                                                                                                                   NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
                                                                                                                    COMPUTER: IBM PC
                                                                                                                  STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: SINC
TOPOLOGY: UNKNOWN
OPERATING SYSTEM: PC-DOS
                                                                           COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: NUCLEIC ACID
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CITY: NEW YORK
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                                                                                          USA
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              IBM PS/2
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                                           3.5 INCH, 1.44
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Query Match
Best Local Similarity
Watches 15; Conserva
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                                                                                                                                              ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS_DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
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APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT IMPORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-15.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (215) 568-34 INFORMATION FOR SEQ ID NO:
                             CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5370.PC.01
TELEPHONE: 708/937-4884
                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: One Abbott Park Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
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                                                                                                                    APPLICATION NUMBER: FILING DATE: May 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                       STREET: One Abbott
CITY: Abbott Park
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Manlove, M.T.
Solomon, N.A.
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                                                                                                                    May 13,
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                                                                                                                                                                                                                                                                                                                                                                                          Materials and Methods for the Detection Mycobacteria tuberculosis
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Pred. No. 1.
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RESULT 2640
PCT-US95-07201-18/c
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                                                                                                                              Query Match 0.3%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05816
FILING DATE:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5371.PC.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 700/937-4884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Solomon, N.
APPLICANT: Leckie, G.
APPLICANT: Kratochvil, J.
APPLICANT: O'Donnell, D.
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                                                                                                                                                                                                                  MOLECULE TYPE: Synthetic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Materials and Methods for the Detection of TITLE OF INVENTION: Mycobacteria
NUMBER OF SEQUENCES: 75
                                                                                                                                                                                                                                                             TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: One Abbott
CITY: Abbott Park
                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                              STRANDEDNESS:
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                                                                                                  4190 GCTTTGTGTTTTCAGGAA 4207
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                                                                 GCTGTGAGTTTTCACGAA 18
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One Abbott Park Road
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                    708/938-2623
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llarity 83.3%;
Conservative
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                                                                                                                                                                                                                                linear
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                                                                                                                                                                                                                                                                                                                   74:
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                                                                                                                                               Score 13.2; DB 1
Pred. No. 1.6e+03
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Pred. No. 1.6e+03;
                                                                                                                                 Mismatches
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                                                                                                                                                              Length 20;
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PCT-US96-10984-38
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Sequence 38, Application PC/TUS9610984
GENERAL INFORMATION:
APPLICANT: Kevin Anderson and Lex Cowsert
TITLE OF INVENTION: Antisense Inhibition of Hepatitis
TITLE OF INVENTION: Virus Replication
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 18, Application PC/TUS9507201 GENERAL INFORMATION:
                                                                                                                                                                                                                                          Matches
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Best Local
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/367,841
FILING DATE: 30-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/257,963
FILING DATE: 07-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/952,796
FILLING DATE: 24-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (212) 758-480
TELEPAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 3--
STREET: New York
CITY: New York
TIS: New York
TISA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Patricia; Schwartz, Joan P.;
APPLICANT: Taniwaki, Takayuki
TITLE OF INVENTION: PICKENT EPITHELIUM
TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PEDF GEN
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 36434
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: Nuc.:
STRANDEDNESS: Unknown
Coligo:
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                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: Unknown
MOLECULE TYPE: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                         Local
                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                     IDENTIFICATION METHOD:
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                                                                                                                                                                                                    2829 GGGGAGCTGGTGGAAG 2846
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                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Nucleic Acid
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                                                                                                                                                                                                                                                                                                                                                                                                         2744
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Floppy Disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unknown
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                                                                                                                                                                                                                                                                                                                                 primer in a polymerase chain reaction
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Pred. No. 1.6e
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                           Sequence 27, Application US/08477928A

Patent No. 6207389

GENERAL INFORMATION:
APPLICANT: Dosch, Hans M.
TITLE OF INVENTION: METHODS FOR CONTROLLING T
TITLE OF INVENTION: LYMPHOCYTE MEDIATED IMMUNE RESPONSES
NUMBER OF SEQUENCES: 49
             COUNTRY: U.S.A.

ZIP: 20004-2400
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,928A
FILING DATE: 07-UN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Remenick, James
REGISTRATION NUMBER: 36902
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local (
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TELEFAX: (609) 779-8481
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDDERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HYPOTHETICAL: N
ANTI-SENSE: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0128
TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION DATA: no
                                                                                                                                                                                                                                                                                                                         ADDRESSEE: BAKER & BOTTS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 210 Lake CITY: Cherry Hill
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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STRANDEDNESS: single
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15; Conserv
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210 Lake Drive
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East, Suite 201
19060-0105
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TOPOLOGY:
US-08-477-928A-27
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US-08-086-915-8
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Patent No. 5444167
GENERAL INFORMATION:
                                                           Query Match
Best Local Similarity
Matches 15; Conserv
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TELEFAX: (202) 639 78
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                        TELEFAX: 202-466-2006
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: KUBOYCIK, RODAID J.
REGISTRATION NUMBER: 25,401
REFERENCE/DOCKET NUMBER: 15
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/086,915 FILING DATE: 07-JUL-1993 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: LITT CITY: Washington STATE: D.C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A. ZIP: 20036
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                             2482 AGCAGAAAGCGACAGGGA 2499
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AGCTGAGAGCCACAGGGA 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pettersson, Kim SI
                                                            Conservative
                                                                                                                                                                                                                                                        202-467-6300
                                                                           0.3%;
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                                                                              Score 13.2; DB 1
Pred. No. 1.7e+03
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Pred. No. 1.7e+03;
                                                              Mismatches
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                                                                                             DB 1;
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RESULT 2644 US-09-657-472-113/c ; Sequence 113, Application US/09657472 ; Patent No. 6727063

GENERAL INFORMATION:

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Query Match
Best Local Similarity
Watches 15; Conserve
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US-09-523-263B-32
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; ORGANISM: Homo sapiens
US-09-657-472-113
                                                                                                                                                                                         US-09-268-505B-1/c
                                                                                                                                                                                                                 RESULT 2646
                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-523-263B-32
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CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NIMBER OF SEC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: AUTOTA et al.
APPLICANT: AUTOTA et al.
TITLE OF INVENTION: Methionine aminopeptidase type
FILE REFERENCE: S03181-00-US
CURRENT APPLICATION NUMBER: US/09/523,263B
CURRENT FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/125,139
PRIOR FILING DATE: 1999-03-11
                                                                                                                      Sequence 1, Application US/09268505B Patent No. 6316192
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 113
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 32
LENGTH: 22
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Best Local Similarity
Matches 15; Conserv
                 APPLICANT: Luo, Jianhua
TITLE OF INVENTION: Method for Enrichment of Unique DNA Fragments
TITLE OF INVENTION: through Cyclical Removal of PCR Adapter Attached to DNA
TITLE OF INVENTION: Fragments Whose Sequences Are Shared Between Two DNA Pools
FILE REFERENCE: 3-11-99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/268,505B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Lander, Eric
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: homo sapiens MAP3 REV1.2 primer
                                                                                                                                                                                                                                                                                                    1150 CACTGCTCTGCAAGGAGC 1167
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Ireland, James S.
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Pred. No. 1.8e+03;
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Pred. No. 1.7e+03;
1; Mismatches 4
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APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: William Gaarde
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MEKK1 EXPRESSION
FILE REFERENCE: RTS-0077
CURRENT APPLICATION NUMBER: US/09/359,756
CURRENT FILING DATE: 1999-07-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
Search completed: October 28, 2004, 10:36:06 Job time : 164 secs
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                                                                                                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-09-359-756-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-359-756-11/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-268-505B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 15
SOFTWARE: Microsoft word
SEQ ID NO 1
LENGTH: 24
                                                                                                                                      Query Match 0.2%; Sometime 0.0%; Best Local Similarity 100.0%; Matches 13; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 11, Application US/09359756 Patent No. 6168950
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 15; Conservat
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TYPE: DNA
ORGANISM: synthetic
FEATURE:
NAME/KEY: HindIa
LOCATION:
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PRIOR APPLICATION NUMBER: none
PRIOR FILING DATE: N/A
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                                                                                                    745 AGCTGGACCAGCT 757
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Pred. No. 2e+0
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